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: January 15, 2017

AWPA (ASC O5) (American Wood Protection Association)

Revision

BSR O5.1-201x, Wood Poles: Specifications and Dimensions (revision of ANSI O5.1-2015)

This standard provides minimum specifications for the quality and dimensions of wood poles that are to be used as single-pole utility structures. The poles described in this standard are considered as simple cantilever members subject to transverse loads only. Fiber strength values, provided as a basis for determining pole class sizes, apply only to poles that meet or exceed the minimum quality specifications. These revisions add modulus of elasticity (MOE) values to Table 1.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Colin McCown, (205) 733 -4077, mccown@awpa.com

NSF (NSF International)

Revision

BSR/NSF 8-201x (i11r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012)

Equipment covered by this Standard includes, but is not limited to, coffee grinders, grinders, mixers, pasta makers, peelers, saws, slicers, tenderizers, and similar equipment.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Allan Rose, (734) 827 -3817, arose@nsf.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i124r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769 -5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-18-201X, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 12-16 -16) (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2016)

This proposal includes a revision for 10(e) to include the appropriate US terms for EPLs.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1123-201X, Standard for Marine Buoyant Devices (revision of ANSI/UL 1123-2011b)

This recirculation proposal provides revisions to the UL 1123 proposal dated 9-23-16.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1453-201x, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2016)

The following topic is being recirculated: (1) Revision to polymeric material and thermal insulation requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319 -4259, Marcia.M.Kawate@ul.com

Comment Deadline: January 30, 2017

AGA (ASC B109) (American Gas Association)

Reaffirmation

BSR B109.1-2000 (R201x), Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Per Hour Capacity) (reaffirmation of ANSI B109.1 -2000 (R2008))

This standard applies to diaphragm-type gas displacement meters, designed for revenue measurement of fuel gas, having a flow rating of less than 500 cubic feet per hour (14.16 m^3/h) capacity at 0.5-inch water column differential pressure at standard conditions.

Single copy price: $94.00

Obtain an electronic copy from: www.aga.org (Catalog No. XQ0008)

Order from: Michael Stablein, (202) 824-7058, mstablein@aga.org

Send comments (with copy to psa@ansi.org) to: Michael Stablein, (202) 824 -7058, mstablein@aga.org

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 57.8-1995 (R201x), Fuel Assembly Identification (reaffirmation of ANSI/ANS 57.8-1995 (R2011))

This standard describes requirements for the unique identification of fuel assemblies utilized in nuclear power plants. It defines the characters and proposed sequence to be used in assigning identification to fuel assemblies. This standard was developed primarily for commercial light-water reactor fuel, but may be used for any reactor fuel contained in discrete fuel assemblies that can be identified with a serial number as specified by this standard. Additionally, this standard describes requirements for a matrix system for identification in mapping the location of fuel rods within a fuel assembly. The matrix system establishes unique x-y coordinates for each possible rod location.

Single copy price: $47.00

Order from: scook@ans.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.44-2007 (R201x), Key Establishment Using Integer Factorization Cryptography (reaffirmation of ANSI X9.44-2007)

The standard specifies key establishment schemes using public-key cryptography based on the integer factorization problem. Both key agreement and key transport schemes are specified. The schemes may be used by two parties to transport or agree on shared keying material. The keying material may be used to provide other cryptographic services that are outside of the scope of this standard. The key pair generators may be used in other standards based on the integer factorization problem.

Single copy price: $60.00

Obtain an electronic copy from: ambria.frazier@x9.org

Order from: ambria.frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.63-2011 (R201x), Key Agreement and Key Management Using Elliptic Curve-Based Cryptography (reaffirmation of ANSI X9.63-2001)

This Standard specializes ISO/IEC 11740-3, Information Technology - Security Techniques - Key Management - Part 3: Mechanisms using asymmetric techniques, for use by the financial services industry. This Standard defines key establishment schemes that employ asymmetric cryptographic techniques. The arithmetic operations involved in the operation of the schemes take place in the algebraic structure of an elliptic curve over a finite field. Both key agreement and key transport schemes are specified. The schemes may be used by two parties to compute shared keying data that may then be used by symmetric schemes to provide cryptographic services, e.g., data confidentiality and data integrity.

Single copy price: $160.00

Order from: ambria.frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.82-4-2011 (R201x), Random Number Generation - Part 4: Random Bit Generator Constructions (reaffirmation of ANSI X9.82-4-2011 (R201x))

This Standard defines techniques for the generation of random numbers that shall be used whenever ASC X9 Standards require the use of random number or bitstring for cryptographic purposes. Part 4 specifies how to build complete random bit generators from the mechanisms in X9.82 Part 2 and Part 3.

Single copy price: $60.00

Order from: ambria.frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.97-1-2009 (R201x), Secure Cryptographic Devices (Retail) - Part 1: Concepts, Requirements and Evaluation Methods (reaffirmation of ANSI X9.97-1-2009)

X9.97 specifies the requirements for Secure Cryptographic Devices which incorporate the cryptographic processes defined in ISO 9564, ISO 16609, and ISO 11566. Has two primary purposes: (1) To state the requirements concerning both the operational characteristics of SCDs and the management of such devices throughout all stages of their life cycle; (2) To standardize the methodology for verifying compliance with those requirements.

Single copy price: $140.00

Order from: ambria.frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.97-2-2009 (R201x), Secure Cryptographic Devices (Retail) - Part 2: Security Compliance Checklists for Devices Used in Financial Transactions (reaffirmation of ANSI X9.97-2-2009)

This part specifies checklists to be used to evaluate secure cryptographic devices (SCDs) incorporating cryptographic processes, as specified in parts 1 and 2 of ISO 9564, ISO 16609, and parts 1-6 of ISO 11568, in the financial services environment. This part does not address issues arising from the denial of service of an SCD.

Single copy price: $140.00

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ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.98-2010 (R201x), Lattice-Based Polynomial Public Key Encryption Algorithm - Part 1: Key Establishment; Part 2: Data Encryption (reaffirmation of ANSI X9.98-2010)

This Standard specifies the cryptographic functions for establishing symmetric keys using a lattice-based polynomial public key encryption algorithm and the associated parameters for key generation. The mechanism supported is key transport, where one party selects keying material and conveys it to the other party with cryptographic protection. The keying material may consist of one or more individual keys used to provide other cryptographic services outside the scope of this Standard, e.g., data confidentiality, data integrity, or symmetric-key-based key establishment. The standard also specifies key pair generators and corresponding key pair validation methods supporting the key transport schemes.

Single copy price: $100.00

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.102-2008 (R201x), Symmetric Key Cryptography for the Financial Services Industry - Wrapping of Keys and Associated Data (reaffirmation of ANSI X9.102-2008)

This Standard specifies four key wrap mechanisms based on ASC X9-approved symmetric key block ciphers whose block size is either 64 bits or 128 bits. The key wrap mechanisms can provide assurance of the confidentiality and the integrity of data, especially cryptographic keys or other specialized data.

Single copy price: $60.00

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ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.92 Part 1-2009 (R201x), Public Key Cryptography for the Financial Services Industry Digital Signature Algorithms Giving Partial Message Recovery - Part 1: Elliptic Curve Pintsov-Vanstone Signatures (ECPVS) (reaffirmation of ANSI X9.92 Part 1-2009 (R201x))

This Standard defines methods for digital signature generation and verification for the protection of messages and data giving partial message recovery. This document is Part 1 of this Standard, and it defines the Elliptic Curve Pintsov-Vanstone Signature (ECPVS) digital signature algorithm. Part 2 of this Standard defines the Finite Field Pintsov-Vanstone Signature (FFPVS) digital signature algorithm. ECPVS is a signature scheme with low message expansion (overhead) and variable length recoverable and visible message parts. ECPVS is ideally suited for short messages, yet is flexible enough to handle messages of any length. The ECPVS shall be used in conjunction with an Approved hash function and an Approved symmetric encryption scheme. In addition, this ECPVS Standard provides the criteria for checking the message redundancy. Supporting examples are also provided.

Single copy price: $60.00

Order from: ambria.frazier@x9.org

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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 200-2015, Methods of Testing Chilled Beams (addenda to)

This addendum includes a method of test for water pressure drop method of test, revisions to the normative references, and an update to the dew-point temperature tolerances.

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section I-201x , Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I-2015)

This Code covers rules for construction of power boilers, electric boilers, miniature boilers, high-temperature water boilers, heat-recovery steam generators, and certain fired pressure vessels to be used in stationary service and include those power boilers used in locomotive, portable, and traction service. The rules are applicable to boilers in which steam or other vapor is generated at a pressures of more than 15 psig (100 kPa) for use external to itself, and high temperature water boilers intended for operation at pressures exceeding 160 psig (1.1 MPa) and/or temperatures exceeding 250 degree F (120 degree C).

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Umberto D'Urso, (212) 591-8535, dursou@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section II-201x, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2015)

Section II, Part C, contains material specifications, most of which are identical to corresponding specifications published by AWS and other recognized national or international organizations. All adopted specifications are either reproduced in the Code, where permission to do so has been obtained from the originating organization, or so referenced, and information about how to obtain them from the originating organization is provided.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Steven Rossi, (212) 591-8460, rossis@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section II-201x (Parts A, B, and D), Part A - Ferrous Material Specifications; Part B - Nonferrous Material Specifications; Part D - Materials Properties (revision of ANSI/ASME BPVC Section II - 2015)

Section II of the Boiler and Pressure Vessel Code provides material specifications for base metallic materials and material design values and limits and cautions on the use of materials.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Colleen O'Brien, (212) 591-7881, obrienc@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section III-201x , Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2015)

The rules of this Section constitute requirements for the design, construction, stamping, and overpressure protection of items used in nuclear power plants and other nuclear facilities. This Section consists of the following divisions:

(a) Division 1. Metallic vessels, heat exchangers, storage tanks, piping systems, pumps, valves, core support structures, supports, and similar items.

(b) Division 2. Concrete containment vessels.

(c) Division 3. Containment Systems for Transportation and Storage of Spent Nuclear Fuel and High-Level Radioactive Material

(d) Division 4. Components for fusion devices; and

(e) Division 5. High temperature reactors, vessels, storage tanks, piping, pumps, valves, metallic and nonmetallic core supports, and supports for use in nuclear power plants and other nuclear facilities.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

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Send comments (with copy to psa@ansi.org) to: Allyson Byk, (212) 591 -8521, byka@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section IX-201x, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2015)

Section IX of the ASME Boiler and Pressure Vessel Code relates to the qualification of welders, welding operators, brazers, brazing operators, and fusing operators and the procedures that they employ in welding, brazing and fusing according to the ASME Boiler and Pressure Vessel Code and the ASME B31 Code for Pressure Piping.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Steven Rossi, (212) 591 -8460, rossis@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section V-201x, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2015)

Section V of the ASME Boiler & Pressure Vessel Code contains requirements and methods for nondestructive examination (NDE) which are referenced and required by other Sections of the Code. These NDE methods are intended to detect surface and internal imperfections in materials, welds, fabricated parts and components. The following NDE methods are addressed: radiography, ultrasonics, liquid penetrant, magnetic particle, eddy current, visual, leak testing, and acoustic emission.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Joseph Brzuszkiewicz, (212) 591-8533, brzuszkiewiczj@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section VII-201x , Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2015)

The purpose of Section VII, Recommended Guidelines for the Care of Power Boilers, is to promote safety in the use of power boilers. These guidelines are intended for use by those directly responsible for operating, maintaining, and examining power boilers.

With respect to the application of these guidelines, a power boiler is a pressure vessel constructed in compliance with Section I in which, due to the application of heat, steam is generated at a pressure exceeding 15 psig (100 kPa) for use external to the boiler. The heat may be derived from the combustion of fuel (solids, liquids, or gases), from the hot waste gases of other chemical reactions, or from the application of electrical energy. The term “power boiler” in this Section includes stationary, portable, and traction types, but does not include locomotive and high-temperature water boilers or miniature boilers (Section I), nuclear power plant boilers (Section III), heating boilers (Section IV), pressure vessels (Section

VIII), or marine boilers.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Umberto D’Urso, (212) 591 -8535, dursou@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section VIII-201x , Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII-2015)

This Section contains mandatory requirements, specific prohibitions, and nonmandatory guidance for pressure vessel materials, design, fabrication, examination, inspection, testing, certification, and pressure relief. The Code does not address all aspects of these activities, and those aspects which are not specifically addressed should not be considered prohibited.

Single copy price: Free

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Send comments (with copy to psa@ansi.org) to: Steven Rossi, (212) 591 -8460, rossis@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section X-201x, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2015)

Section X of the ASME Boiler and Pressure Vessel Code provides requirements for the fabrication of fiber-reinforced thermosetting plastic pressure vessels for general service, sets limitations on the permissible service conditions, and defines the types of vessels to which these rules are not applicable.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Paul Stumpf, (212) 591 -8536, stumpfp@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section XI-201x, Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2015)

Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components, of the ASME Boiler and Pressure Vessel Code provides requirements for examination, testing, and inspection of components and systems, and repair/replacement activities in a nuclear power plant.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Lauren Powers, (212) 591 -7008, powersl@asme.org

ASQ (ASC Z1) (American Society for Quality)

New National Adoption

BSR/ASQ 14034-201x, Environmental management - Environmental technology verification (ETV) (identical national adoption of ISO 14034:2016)

This document specifies principles, procedures, and requirements for environmental technology verification (ETV).

Single copy price: $149.00

Obtain an electronic copy from: standards@asq.org

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

ASQ (ASC Z1) (American Society for Quality)

New National Adoption

BSR/ASQ 16355-1-201x, Application of statistical and related methods to new technology and product development process - Part 1: General principles and perspectives of Quality Function Deployment (QFD) (identical national adoption of ISO 16355-1:2015)

This part of ISO 16355 describes the quality function deployment (QFD) process, its purpose, users, and tools. It is not a management system standard. It does not provide requirements or guidelines for organizations to develop and systematically manage their policies, processes, and procedures in order to achieve specific objectives.

Single copy price: $240.00

Obtain an electronic copy from: standards@asq.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR/ATIS 0300276-2008 (R201x), Operations, Administration, Maintenance, and Provisioning Security Requirements for the Public Telecommunications Network: A Baseline of Security Requirements for the Management Plane (reaffirmation of ANSI/ATIS 0300276-2008)

This standard contains a set of baseline security requirements for the management plane. The requirements outlined in this standard allow equipment/system suppliers, government departments and agencies, and service providers to implement a secure telecommunications management infrastructure. Contains information formerly included in ATIS 0300233.2004, OAM&P - Security Framework for Telecommunications Management Network (TMN) Interfaces, which has been withdrawn.

Single copy price: $220.00

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

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

BICSI (Building Industry Consulting Service International)

New Standard

BSR/BICSI 007-201X, Information Communication Technology - Design and Implementation Practices for Intelligent Buildings and Premises (new standard)

This standard will cover the design and implementation of the information communication technology systems required to support an intelligent building/premise integrated design. Systems that are expected to be covered, include, but are not limited to: building automation/management, utility utilization, lighting, signage and wayfinding, sound and acoustical services, location, and asset tracking.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

Order from: Jeff Silveira, (813) 903-4712, jsilveira@bicsi.org

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

CPLSO (Crane Power Line Safety Organization)

New Standard

BSR/CPLSO-15-201x, Proximity Warning Devices (new standard)

This Standard is applicable to high-voltage warning devices for cranes including, but not limited to, use by the broadcasting, mining, farming and construction industry including Proximity Warning Devices, (PWD). This Standard specifies the characteristic mechanical and electrical performance levels required for these devices.

Single copy price: Free

Obtain an electronic copy from: www.cplso.org

Order from: CPLSO; www.cplso.org

Send comments (with copy to psa@ansi.org) to: pratt.hugh@cplso.org

ECIA (Electronic Components Industry Association)

New National Adoption

BSR/EIA 60384-3-201x, Fixed capacitors for use in electronic equipment - Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte (identical national adoption of IEC 60384-3:2015 and revision of ANSI/EIA 60384-3-2014)

This specification applies to surface mount tantalum solid electrolyte capacitors. These capacitors are primarily intended to be mounted directly onto substrates for hybrid circuits or onto printed boards. The following two styles are considered: Style 1: Protected capacitors; Style 2: Unprotected capacitors.

Single copy price: $170.00

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

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

ECIA (Electronic Components Industry Association)

New National Adoption

BSR/EIA 60384-20-201x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20:2015 and revision of ANSI/EIA 60384-20-2014)

IEC 60384-20 is applicable to fixed surface mount capacitors for direct current, with metallized electrodes and polyphenylene sulfide dielectric for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted directly onto substrates for hybrid circuits or onto printed boards. These capacitors may have “self-healing properties” depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage.

Single copy price: $156.00

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

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

ECIA (Electronic Components Industry Association)

New National Adoption

BSR/EIA 60384-24-201x, Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-24:2015 and revision of ANSI/EIA 60384-24-2014)

This part of IEC 60384 is applicable to tantalum electrolytic capacitors with conductive polymer solid electrolyte. These capacitors are primarily intended to be mounted direct on to substrates for hybrid circuits or to printed boards.

Single copy price: $170.00

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

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

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

ECIA (Electronic Components Industry Association)

New National Adoption

BSR/EIA 60384-25-201x, Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-25:2015 and revision of ANSI/EIA 60384-25-2014)

This part of IEC 60384 is applicable to aluminium electrolytic capacitors with conductive polymer solid electrolyte. These capacitors are primarily intended to be mounted direct on substrates for hybrid circuits or to printed boards.

Single copy price: $70.00

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

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

FM (FM Approvals)

New Standard

BSR/FM 4881-201x, Evaluating Exterior Wall Systems (new standard)

This test standard sets performance requirements for Exterior Wall Systems by evaluating the ability of these products to limit fire propagation over and/or through the assembly when exposed to an ignition source simulating a building fire. The standard also sets the performance requirements for exterior wall panels when exposed to various natural hazards such as the cyclic nature of high wind events, the impact of simulated hail and where required, the impact of windborne debris during hurricanes, tropical cyclones, and typhoons.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmapprovals.com

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

ISA (International Society of Automation)

Revision

BSR/ISA 77.42.01-201x, Fossil Fuel Power Plant Feedwater Control System (revision of ANSI/ISA 77.42.01-1999 (R2011))

The standard is intended to assist in the development of design specifications covering the measurement and control of feedwater systems in boilers with steaming capacities of 200,000 lb/h (25 kg/s) or greater. The safe physical containment of the feedwater shall be in accordance with applicable piping codes and standards and is beyond the scope of this standard.

Single copy price: $50.00

Obtain an electronic copy from: ebrazda@isa.org

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

LEO (Leonardo Academy, Inc.)

New Standard

BSR/LEO S-002-201x, Life Cycle Impact Assessment Framework and Guidance for Establishing Public Declarations and Claims, For: Environmental Declarations for Products and Systems, Environmentally Preferable Product Claims, Carbon Footprint Profiles (new standard)

Leonardo Academy, Inc. is extending the comment period on this draft standard to January 30, 2017. This draft standard addresses Type III Life-Cycle Impact Profile Declarations for Products and Services. It specifies the life-cycle impact assessment (LCIA) methods, scope, metrics and format for declarations. This standard is intended to provide a uniform and standardized format for properly reporting the environmental life-cycle impacts of any system studied.

Single copy price: Free (Electronic); $50.00 (Paper)

Obtain an electronic copy from: michaelarny@leonardoacademy.org

Order from: Michael Arny, President, Leonardo Academy, 8401 Excelsior Dr., Madison, WI, 53717, Email: michaelarny@leonardoacademy.org

Send comments (with copy to psa@ansi.org) to: Request and fill out the electronic comment forms and send completed comment forms to: Michael Arny, President, Leonardo Academy, michaelarny@leonardoacademy.org, or 8401 Excelsior Dr., Madison, WI, 53717

NSF (NSF International)

Revision

BSR/NSF 49-201x (i73Br4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Single copy price: Free

Order from: Allan Rose, (734) 827-3817, arose@nsf.org

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

SVIA (Specialty Vehicle Institute of America)

Revision

BSR/SVIA-1-201x, Four Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1 -2010)

This voluntary standard addresses design, configuration and performance aspects of ATVs, including, among other items, requirements for mechanical suspension; throttle, clutch and gearshift controls; engine and fuel cutoff devices; lighting; tires; operator foot environment; service and parking brake/parking mechanism performance; and pitch stability. Other areas covered in this standard include: defining Type I and Type II ATVs; Youth and T category ATVs; requirements for Type II ATVs; requirements for labels, owner's manuals, and hang tags; and a compliance certification label.

Single copy price: $60.00

Order from: Thomas Yager, (949) 727-3727, tyager@svia.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-2-201X, Standard for Safety for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosure "p" (Proposal dated 12-16-16) (national adoption with modifications of IEC 60079-2)

Adoption of IEC 60079-2 - Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosure "p" as a new IEC-based UL standard, UL 60079-2 with US Differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-7-201X, Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (Proposal dated 12-16 -16) (national adoption of IEC 60079-7 with modifications and revision of ANSI/UL 60079-7-2008 (R2013))

This proposal provides revisions to the proposal document dated June 3, 2016 for the Adoption of IEC 60079-7, Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (fifth ed, issued by IEC June 2015) as a new IEC-based UL standard, UL 60079-7, to the applicable requirements per comments received.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 61131-2-2008 (R201x), Standard for Safety for Programmable Controllers - Part 2: Equipment Requirements and Tests (reaffirmation of ANSI/UL 61131-2-2008 (R2012))

The intent of this proposal is to seek reaffirmation of UL 61131-2 as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319 -4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2016)

This proposal is a clarification of HWI PLC Determination in Table 6.1 of UL 746C.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319 -4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 921-201x, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2016)

It covers electric dishwashers rated 600 V or less; the gas-handling, burning, and control features of gas-fired dishwashers having inputs of 400,000 Btu (420 MJ) per hour or less, limited to 0.5 psig (3.45 kPa) inlet pressure, for use with natural, manufactured, mixed, propane, liquefied petroleum gases, or LP gas-air mixtures. These requirements cover dishwashers intended for use in commercial establishments where they are not intended to be accessible to the public.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1180-201X, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2012)

This recirculation proposal provides revisions to the UL 1180 proposal dated 9-9-16.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME PCC-3-201x, Inspection Planning Using Risk Based Methods (revision of ANSI/ASME PCC 3-2007 (R2012))

Although broadly applicable, this standard has been developed specifically for applications involving fixed-pressure-containing equipment and components. It provides guidance to owners, operators, and designers of pressure-containing equipment for developing and implementing an inspection program.

Single copy price: Free

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Erika Lawson, (212) 591 -8094, lawsone@asme.org

Comment Deadline: February 14, 2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME A112.19.7/CSA B45.10-2012 (201x), Hydromassage Bathtub Appliances (reaffirmation of ANSI/ASME A112.19.7/CSA B45.10-2012)

This Standard specifies general requirements, test methods, and markings for whirlpool and air-jetted bathtubs and suction fittings used in hydromassage bathtub systems that incorporate a bathtub and circulation pump. The circulation pump can be with or without

(a) a piping system; and

(b) induction of air (which can be achieved by integral suction or through an air pump).

Single copy price: $79.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards.

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591 -8018, guzman@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B29.2M-2007 (R201x), Inverted Tooth (Silent) Chains and Sprockets (reaffirmation of ANSI/ASME B29.2M-2007 (R2012))

This Standard covers the numbering and dimensions of chains and sprockets, the measurement of chain pitch, basic link dimensions, and sprocket tooth form details.

Single copy price: $49.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards.

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmondr@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B29.8-2010 (R201x), Leaf Chains, Clevises and Sheaves (reaffirmation of ANSI/ASME B29.8-2010)

This Standard covers the lacing, pin diameter, diameter of link plate holes, link plate contour and thickness, chain widths, and minimum ultimate tensile strengths.

Single copy price: $49.00

For Reaffirmations and Withdrawn standards, please view our catalog at http://www.asme.org/kb/standards

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmondr@asme.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

TIA (Telecommunications Industry Association)

ANSI/TIA 470.320-C-2006 (R2012), Telecommunications - Telephone Terminal Equipment - Cordless Telephone Operation and Feature Performance Requirements

Questions may be directed to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

TIA (Telecommunications Industry Association)

ANSI/TIA 470.330-C-2012, Telecommunications - Telephone Terminal Equipment - Digital Telephone Answering Device - Performance Requirements

Questions may be directed to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

TIA (Telecommunications Industry Association)

ANSI/TIA 810-B-2006, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Narrowband Digital Telephones

Questions may be directed to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

TIA (Telecommunications Industry Association)

ANSI/TIA 1062-2006 (R2011), 1544 kbps Interface Requirements for Packet-based Gateways

Questions may be directed to: Teesha Jenkins, (703) 907-7706, standards@tiaonline.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: *Will Vargas*

Phone: (703) 647-2779

E-mail: wvargas@aami.org

BSR/AAMI/ISO 14971-201x, Medical devices - Application of risk management to medical devices (identical national adoption of ISO 14971:2007 and revision of ANSI/AAMI/ISO 14971-2007)

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Stephen Crimaudo*

Phone: (202) 682-8151

Fax: (202) 682-4797

E-mail: crimaudos@api.org

BSR/API Standard RP 755-201x, Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (revision of ANSI/API Standard RP 755-2010)

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton Ave
Milwaukee, WI 53203

Contact: *Julie Sharp*

Phone: (414) 272-8575

E-mail: standards@asq.org

BSR/ASQ 14034-201x, Environmental management - Environmental technology verification (ETV) (identical national adoption of ISO 14034:2016)

BSR/ASQ 16355-1-201x, Application of statistical and related methods to new technology and product development process - Part 1: General principles and perspectives of Quality Function Deployment (QFD) (identical national adoption of ISO 16355-1:2015)

BSR/ASQ/TS 9002:2016, Quality management systems - Guidelines for the application of ISO 9001:2015 (identical national adoption of ISO/TS 9002:2016)

AWPA (ASC O5) (American Wood Protection Association)

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

Contact: *Colin McCown*

Phone: (205) 733-4077

Fax: (205) 733-4075

E-mail: mccown@awpa.com

BSR O5.1-201x, Wood Poles: Specifications and Dimensions (revision of ANSI O5.1-2015)

CPLSO (Crane Power Line Safety Organization)

Office: The Marchioness Building, Commercial Road
Bristol BS16TG, UK BS1 6TG

Contact: *Hugh Pratt*

Phone: (078) 796-2989

E-mail: pratt.hugh@cplso.org

BSR/CPLSO-15-201x, Proximity Warning Devices (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

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 60384-3-201x, Fixed capacitors for use in electronic equipment - Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte (identical national adoption of IEC 60384-3:2015 and revision of ANSI/EIA 60384-3-2014)

BSR/EIA 60384-20-201x, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20:2015 and revision of ANSI/EIA 60384-20-2014)

BSR/EIA 60384-24-201x, Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-24:2015 and revision of ANSI/EIA 60384-24-2014)

BSR/EIA 60384-25-201x, Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-25:2015 and revision of ANSI/EIA 60384-25-2014)

FCI (Fluid Controls Institute)

Office: 1300 Sumner Avenue
Cleveland, OH 44115

Contact: *Leslie Schraff*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 85-1-201x, Standard for Production and Performance Testing of Steam Traps (revision of ANSI/FCI 85-1-2011)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 77.42.01-201x, Fossil Fuel Power Plant Feedwater Control System (revision of ANSI/ISA 77.42.01-1999 (R2011))

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 50-201x (i124r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 7199-2016, Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (identical national adoption of ISO 7199 and revision of ANSI/AAMI/ISO 7199-2009 (R2014), ANSI/AAMI/ISO 7199-2009/A1-2011 (R2014)): 12/6/2016

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 9000-D11-2001 (R2016), Flexible Couplings - Potential Unbalance Classification (reaffirmation of ANSI/AGMA 9000-2001): 12/8/2016

ANSI/AGMA 9110-A11-2011 (R2016), Flexible Couplings - Potential Unbalance Classification (Metric Edition) (reaffirmation of ANSI/AGMA 9110-2011): 12/8/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 10.5-2006 (R2016), Accommodating User Needs in Scientific and Engineering Computer Software Development (reaffirmation of ANSI/ANS 10.5-2006 (R2011)): 12/8/2016

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASAE S390.6 (ISO 12934:2013)-DEC16, Tractors and machinery for agriculture and forestry - Basic types - Vocabulary (national adoption with modifications of ISO 12934:2013): 12/1/2016

Reaffirmation

ANSI/ASABE/ISO 3776-1-2006 (R2016), Tractors and machinery for agriculture - Seat belts - Part 1: Anchorage location requirements (reaffirmation and redesignation of ANSI/ASABE/ISO 3776-1-2012): 12/1/2016

ANSI/ASAE EP411.5-2012 (R2016), Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation of ANSI/ASAE EP411.5-2012): 12/2/2016

ANSI/ASAE S436.1-1997 (R2016), Test Procedure for Determining the Uniformity of Water Distribution of Center Pivot and Lateral Move Irrigation Machines Equipment with Spray or Sprinkler Nozzles (reaffirmation of ANSI/ASAE S436.1-1997 (R2012)): 12/2/2016

ANSI/ASAE S521-FEB93 (R2016), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-FEB93 (R2011)): 12/2/2016

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.95-2016, Trusted Time Stamp Management and Security (revision of ANSI X9.95-2012): 12/1/2016

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

ANSI/ASHRAE Standard 160e-2016, Criteria for Moisture-Control Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2009): 11/30/2016

ANSI/ASHRAE/ASHE 170m-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013): 11/30/2016

Reaffirmation

ANSI/ASHRAE Standard 86-2013 (R2016), Methods of Testing the Floc Point of Refrigeration Grade Oils (reaffirmation of ANSI/ASHRAE Standard 86-2013): 11/30/2016

ANSI/ASHRAE Standard 124-2007 (R2016), Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances (reaffirmation of ANSI/ASHRAE Standard 124-2007): 11/30/2016

ANSI/ASHRAE Standard 138-2013 (R2016), Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling (reaffirmation of ANSI/ASHRAE Standard 138-2013): 11/30/2016

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME RAM-2-2016, Reliability, Availability, and Maintainability Program Development Process for Existing Power Plants (new standard): 12/2/2016

Withdrawal

ANSI/ASME B18.6.5M-2000, Metric Thread-Forming and Thread-Cutting Tapping Screws (withdrawal of ANSI/ASME B18.6.5M-1999 (R2010)): 12/8/2016

ANSI/ASME B18.6.7M-1999, Metric Machine Screws (withdrawal of ANSI/ASME B18.6.7M-1999 (R2010)): 12/8/2016

ASTM (ASTM International)

New Standard

ANSI/ASTM D2235-2016, Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings (new standard): 11/22/2016

ANSI/ASTM D2513-2016, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (new standard): 12/1/2016

ANSI/ASTM D3138-2016, Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components (new standard): 11/22/2016

ANSI/ASTM D3261-2016, Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing (new standard): 11/22/2016

ANSI/ASTM E3080-2016, Practice for Regression Analysis (new standard): 11/22/2016

ANSI/ASTM F1804-2016, Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation (new standard): 11/22/2016

ANSI/ASTM F2768-2016, Specification for Modified Stub ACME Thread Joint with Elastomeric Seal in Plastic Piping Components (new standard): 11/22/2016

ANSI/ASTM F2769-2016, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (new standard): 11/22/2016

ANSI/ASTM F3123-2016, Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DR-PN) (new standard): 11/22/2016

Reaffirmation

ANSI/ASTM C582-2009 (R2016), Specification for Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment (reaffirmation of ANSI/ASTM C582-2009): 11/22/2016

Revision

ANSI/ASTM C747-2016, Test Method for Moduli of Elasticity and Fundamental Frequencies of Carbon and Graphite Materials by Sonic Resonance (revision of ANSI/ASTM C747-2005 (R2010)): 11/29/2016

ANSI/ASTM D7793-2016, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2013): 11/22/2016

ANSI/ASTM E136-2016, Test Method for Behavior of Materials in a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2016): 11/22/2016

ANSI/ASTM E2586-2016, Practice for Calculating and Using Basic Statistics (revision of ANSI/ASTM E2586-2014): 11/22/2016

ANSI/ASTM E2935-2016, Practice for Conducting Equivalence Testing in Laboratory Applications (revision of ANSI/ASTM E2935-2015): 11/22/2016

ANSI/ASTM F1055-2016, Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing (revision of ANSI/ASTM F1055-2016): 11/22/2016

ANSI/ASTM F1409-2016, Test Method for Straight Line Movement of Vacuum Cleaners While Cleaning Carpets (revision of ANSI/ASTM F1409-2000 (R2010)): 11/22/2016

ANSI/ASTM F1511-2016, Specification for Mechanical Seals for Shipboard Pump Applications (revision of ANSI/ASTM F1511-2014): 11/22/2016

ANSI/ASTM F1776-2016, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2014): 11/22/2016

ANSI/ASTM F2879-2016, Specification for Eye Protective Devices for Airsoft Sports (revision of ANSI/ASTM F2879-2014): 11/22/2016

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0300253-2016, Structure for the Representation of Location Entities for Information Exchange (revision of ANSI/ATIS 0300253-2011): 12/2/2016

BICSI (Building Industry Consulting Service International)

Revision

ANSI/BICSI 001-2017, Information and Communication Technology Systems - Design and Implementation Best Practices for Educational Institutions and Facilities (revision of ANSI/BICSI 001 -2009): 12/1/2016

CTA (Consumer Technology Association)

Reaffirmation

* ANSI/CTA 2009-B-2010 (R2016), Receiver Performance Specification for Public Alert Receivers (reaffirmation of ANSI/CTA 2009-B-2010): 12/2/2016

ECIA (Electronic Components Industry Association)

New Standard

ANSI/EIA 964-2016, Specification for QSFP+ 10 Gb/s Pluggable Transceiver (new standard): 12/2/2016

HL7 (Health Level Seven)

Reaffirmation

ANSI/HL7 V3 ICSRP1, R2-2012 (R2016), HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report, Part 1: The Framework for Adverse Event Reporting, Release 2 (reaffirmation of ANSI/HL7 V3 ICSRP1, R2-2012): 12/2/2016

ANSI/HL7 V3 ICSRP2, R2-2012 (R2016), HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report, Part 2: Human Pharmaceutical Reporting Requirements for ICSR, Release 2 (reaffirmation of ANSI/HL7 V3 ICSRP2, R2-2012): 12/2/2016

IESNA (Illuminating Engineering Society of North America)

Revision

ANSI/IES RP-29-2016, Lighting for Healthcare Facilities (revision and redesignation of ANSI/IESNA RP-29-2006 (R2016)): 12/1/2016

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

Reaffirmation

INCITS/ISO/IEC 14776-453:2009 [R2016], Information technology - Small computer system interface (SCSI) - Part 453: Primary commands-3 (SPC-3) (reaffirmation of INCITS/ISO/IEC 14776 -453:2009 [2011]): 12/2/2016

Stabilized Maintenance

INCITS 323-1998/AM 1-2001 [S2016], Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Physical Layer (HIPPI -6400-PH) - Amendment 1 (stabilized maintenance of INCITS 323:1998/AM1:2001[R2011]): 12/1/2016

INCITS 417-2006 [S2016], Information technology - Serial Attached SCSI-2 (SAS-1.1) (stabilized maintenance of INCITS 417:2006 [R2011]): 12/2/2016

MHI (Material Handling Industry)

New Standard

ANSI MH24.2-2016, Power-Operated Vertical Carousels and Vertical Lift Modules (new standard): 12/6/2016

NCSBN (National Council of State Boards of Nursing)

New Standard

ANSI/NCSBN-002-2016, Reporting of Disciplinary Actions by Boards of Nursing (new standard): 12/2/2016

ANSI/NCSBN-003-2016, Primary Source Verification of Licensure by Endorsement (new standard): 12/2/2016

NEBB (National Environmental Balancing Bureau)

New Standard

ANSI/NEBB S120-2016, Technical Retro-Commissioning of Existing Buildings Standard (new standard): 12/1/2016

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

ANSI ICEA S-85-625-2016, Telecommunications Cable - Aircore, Polyolefin Insulated, Copper Conductor - Technical Requirements (revision of ANSI ICEA S-85-625-2010): 12/8/2016

NSF (NSF International)

Revision

* ANSI/NSF 14-2016 (i81r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016): 11/29/2016
* ANSI/NSF 363-2016 (i9r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014): 12/4/2016

TCNA (ASC A108) (Tile Council of North America)

Reaffirmation

ANSI A108.15-2005 (R2016), Alternate Method: Installation of Paper-Faced Glass Mosaic Tile (reaffirmation of ANSI A108.15-2005 (R2010)): 12/8/2016

TNI (The NELAC Institute)

Revision

ANSI/TNI EL-V1-2016, Management and Technical Requirements for Laboratories Performing Environmental Analysis (revision of ANSI/TNI EL-V1-2009): 12/6/2016

UL (Underwriters Laboratories, Inc.)

Revision

* ANSI/UL 325-2016a, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016): 12/7/2016
* ANSI/UL 325-2016b, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016): 12/7/2016
* ANSI/UL 859-2016, Standard for Safety for Household Electric Personal Grooming Appliances (Proposal dated 10-21-16) (revision of ANSI/UL 859-2012): 12/7/2016
* ANSI/UL 982-2016, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982 -2015b): 11/30/2016
* ANSI/UL 982-2016a, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982 -2015): 11/30/2016

VC (ASC Z80) (The Vision Council)

Revision

* ANSI Z80.18-2016, Contact Lens Care Products - Vocabulary, Performance Specifications, and Test Methodology (revision of ANSI Z80.18-2010): 12/6/2016
* ANSI Z80.20-2016, Contact Lenses - Standard Terminology, Tolerances Measurements and Physicochemical Properties (revision of ANSI Z80.20-2010): 12/6/2016

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Will Vargas, (703) 647-2779, wvargas@aami.org

BSR/AAMI/ISO 14971-201x, Medical devices - Application of risk management to medical devices (identical national adoption of ISO 14971:2007 and revision of ANSI/AAMI/ISO 14971-2007)

Stakeholders: Medical device manufacturers, authorities having jurisdiction, users.

Project Need: To review and clarify the normative requirements, particularly production and post-production information, clinical benefits, and risk-benefit analysis.

This International Standard specifies a process for a manufacturer to identify the hazards associated with medical devices, including in vitro diagnostic (IVD) medical devices, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the controls. The requirements of this International Standard are applicable to all stages of the life-cycle of a medical device. This International Standard does not apply to clinical decision making. This International Standard does not specify acceptable risk levels. This International Standard does not require that the manufacturer have a quality management system in place.

API (American Petroleum Institute)

Contact: Stephen Crimaudo, (202) 682-8151, crimaudos@api.org

BSR/API Standard RP 755-201x, Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (revision of ANSI/API Standard RP 755-2010)

Stakeholders: Refining, pipeline and terminal industry owners/operators, government agencies, industry associations, international organizations, engineering consultants, and experts.

Project Need: To revise and update the existing Recommended Practice.

This recommended practice (RP) provides guidance to all stakeholders (e.g., employees, managers, supervisors, contractors) on understanding, recognizing, and managing fatigue in the workplace. Owners and operators should establish policies and procedures to meet the purpose of this recommended practice. This RP was developed for refineries, petrochemical and chemical operations, natural gas liquefaction plants, and other facilities such as those covered by the OSHA Process Safety Management Standard, 29 CFR 1910.119. This document is intended to apply to a workforce that is commuting daily to a job location.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

BSR X9.137-201x, Tokenization Management and Security (new standard)

Stakeholders: Financial institutions, product manufacturers, application manufacturers, service (cloud) providers, security professionals.

Project Need: Due to a lack of standards, there are misconceptions about the security requirements and controls needed to operate a Tokenization Service Provider (TSP) service in the financial services environment. No standardized cryptographic messages or agreed encoding formats have been defined for issuing requests for tokenization and detokenization services, or responding to such requests. There are no standards that define requirements for TSP security policy and best practice statements.

The proposed cryptographic messages provide a standardized Tokenization Application Programming Interface (TokenAPI) for interoperability that can be used by a financial institution to insulate their internal applications and systems from tokenization vendor-specific messages. This proposed security standard would define the schema and associated processing of TSP operational messages. The defined message set would generally mirror the types of functional messages specified in the X9.95 standard for trusted timestamps, e.g., Tokenization Request, Tokenization Response, Detokenization Request, Detokenization Response, and TSP Request Status request and response messages. A message type will also be defined to specify the schema and associated processing of a "Trusted Token", which could be included in a "Smart Contract" or used in other blockchain and distributed ledger environments. This trusted token message would make it possible to protect the confidentiality of publically posted sensitive information over long periods by continually improving the security controls protecting the information without altering the publically posted trusted token. These security controls could be managed independent of the publically posted trusted token. They could include the cryptographic mechanisms defined in the X9.73 standard, user access controls, monitoring, logging, third-party audits and physical security.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org

BSR/ASME Y14.24-201x, Types and Applications of Engineering Drawings (revision of ANSI/ASME Y14.24-2012)

Stakeholders: Aerospace, automotive, DoD.

Project Need: A revision of figures will occur to provide better clarity of information provided. New example figures will be developed. GD&T symbols will be reviewed and align with the latest Y14.5 document. All references will be reviewed for revision. Some sections are planned for revision, and some to be reviewed for possible removal.

This Standard defines the types of engineering drawings most frequently used to establish engineering requirements. It describes typical applications and minimum content requirements.

ASQ (ASC Z1) (American Society for Quality)

Contact: Julie Sharp, (414) 272-8575, standards@asq.org

BSR/ASQ/TS 9002:2016, Quality management systems - Guidelines for the application of ISO 9001:2015 (identical national adoption of ISO/TS 9002:2016)

Stakeholders: Industry, academia, government, and general interest.

Project Need: National adoption.

Provides guidance on the intent of the requirements in ISO 9001:2015, with examples of possible steps an organization can take to meet the requirements. It does not add to, subtract from, or in any way modify those requirements. It does not prescribe mandatory approaches to implementation, or provide any preferred method of interpretation.

ASTM (ASTM International)

Contact: Corice Leonard, (610) 832-9744, accreditation@astm.org

BSR/ASTM WK56697-201x, New Practice for Procedures to Prevent Contamination in Polyethylene Pipe and Fittings (new standard)

Stakeholders: Olefin-Based Pipe industry.

Project Need: The standard defines the practices required to prevent contamination during the manufacture of polyethylene pipe and fittings. The scope applies from the receipt of feedstocks through manufacture.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56697.htm

BSR/ASTM WK56715-201x, New Test Method for Test Method for Impact Testing for Projectiles used in the Sport of Paintball (new standard)

Stakeholders: Paintball and Equipment industry.

Project Need: This new standard would establish reasonable maximum impact levels for projectiles used in different types of paintball games, such as low impact (defined by ASTM F3100) and traditional paintball games (defined by ASTM F1777).

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56715.htm

BSR/ASTM WK56735-201x, New Practice for Determining Setback Idle Mode Performance of Commercial Foodservice Equipment (new standard)

Stakeholders: Productivity and Energy Protocol industry.

Project Need: This standard covers standard procedures for evaluating the retention, energy consumption and recovery performance of commercial foodservice equipment when operated in set back or energy-save modes.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56735.htm

BSR/ASTM WK56738-201x, New Test Method for the Performance of Commercial Hot Food Merchandisers (new standard)

Stakeholders: Productivity and Energy Protocol industry.

Project Need: This test method is applicable to electric, fully open or partially open, hot food merchandisers that have been designed to hold and merchandise prepackaged hot food.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56738.htm

AWS (American Welding Society)

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

BSR/AWS A1.1-201x, Metric Practice Guide for the Welding Industry (revision of ANSI/AWS A1.1-2016)

Stakeholders: Welders, manufacturers, welding engineers.

Project Need: This document is needed to provide guidance to the welding industry on the use of metric units

This metric practice guide is based on the International System of Units (SI) as defined in the U.S. Federal Register notice of July 28, 1998, "Metric System of Measurement: Interpretation of the International System of Units for the United States." This guide contains specifications of the SI base units, derived units, prefixes, and rules for their use in AWS documents and by the welding industry. It also contains factors and rules for converting from U.S. customary units to SI units and recommendations to industry for managing the transition.

BSR/AWS B4.0-201x, Standard Method for the Mechanical Testing of Welds (revision of ANSI/AWS B4.0-2016)

Stakeholders: Welding industry, test laboratories, users of welding processes.

Project Need: The welding industry needs common standard test methods so that welds can be tested and compared to requirements of acceptance criteria.

This specification establishes standard methods for mechanical testing of welds. The significance of each test, test apparatus, preparation of the test specimens, and the test procedure are described. Example test results sheets are provided.

BSR/AWS G1.10M-201x, Guide for the Evaluation of Thermoplastic Welds (revision of ANSI/AWS G1.10M:2016)

Stakeholders: Welders, welding engineers, and users of thermoplastic welding.

Project Need: This standard provides guidance for the evaluation of thermoplastic welds to identify flaws and defects.

This standard lists and describes flaws and defects in hot gas, hot gas extrusion, heated tool butt fusion, socket fusion, electrofusion, and flow fusion welded joints in thermoplastics. Its intent is to make possible a generally valid evaluation giving consideration to graded quality requirements. Tables illustrating cracks, voids, solid inclusions, lack of fusion, flaws and defects of shape, and other flaws and defects in thermoplastic welds are included. Flaw and defect features with descriptions and illustrations are compiled into tables to aid in the evaluation of welds.

AWWA (American Water Works Association)

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

BSR/AWWA GIPR-201x, Indirect Potable Reuse Programs Operation and Management (new standard)

Stakeholders: Water supply, water and wastewater treatment industry, water and wastewater utilities, consulting engineers, treatment equipment manufacturers, etc.

Project Need: This standard will define the critical requirements for the effective operation and management of an indirect potable water reuse program.

A standard for Indirect Potable Reuse (IPR) will set forth the requirements for both planned and unplanned IPR. Planned IPR is the treatment of wastewater effluent for discharge to groundwater or surface water sources (environmental buffers) with the intent of augmenting drinking water supplies. Unplanned IPR is the discharge of treated wastewater to a river and is subsequently used as a drinking water source for a downstream community.

FCI (Fluid Controls Institute)

Contact: Leslie Schraff, (216) 241-7333, fci@fluidcontrolsinstitute.org

BSR/FCI 85-1-201x, Standard for Production and Performance Testing of Steam Traps (revision of ANSI/FCI 85-1-2011)

Stakeholders: Manufacturers, users, and specificers.

Project Need: The standard was developed to assist manufacturers, users and specifiers of the products to comply with production and performance characteristics of automatic steam traps.

This standard specifies production and performance tests that are considered applicable to steam traps.

HL7 (Health Level Seven)

Contact: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

* BSR/HL7 CDAR2 IG QRDOC, R1-201x, HL7 CDA R2 Implementation Guide: Questionnaire Response Document, Release 1 (new standard)

Stakeholders: SDOs (Continua Health Alliance), EHR, PHR, HIS, remote monitoring services, healthcare institutions.

Project Need: There is a need to facilitate the exchange of questionnaires between practitioners and patients. Electronic interchange of patients' vital signs to the monitoring service or medical practitioner is but the first step in enabling effective dialogue and health practice. Of equal importance is the electronic interchange of meaningful questions and answers between the disease management organization and the patient.

This ballot is for an implementation guide defining Questionnaire Response Document for purpose of representing patient responses to questionnaires as a structured document reusing and/or enhancing existing CDA templates where possible creating new CDA templates where necessary.

BSR/HL7 CDAR2 IG SFDEFDOC, R1-201x, HL7 CDA R2 Implementation Guide: Structured Form Definition Document, Release 1 (new standard)

Stakeholders: SDOs (Continua Health Alliance), EHR, PHR, HIS, remote monitoring services, healthcare institutions.

Project Need: There is a need to facilitate the exchange of questionnaires between practitioners and patients. Electronic interchange of patients' vital signs to the monitoring service or medical practitioner is but the first step in enabling effective dialogue and health practice. Of equal importance is the electronic interchange of meaningful questions and answers between the disease management organization and the patient.

This ballot is for an implementation guide defining a Structured Form Definition Document for purpose of representing patient questionnaires as a structured document reusing and/or enhancing existing CDA templates, where possible, creating new CDA templates where necessary.

IEEE (Institute of Electrical and Electronics Engineers)

Contact: Lisa Weisser, (732) 981-2864, l.weisser@ieee.org

BSR/IEEE 1036-201x, Guide for the Application of Shunt Power Capacitors (new standard)

Stakeholders: Engineers and Designers involved in the manufacture, design, installation, operation, procurement, and/or maintenance of shunt power capacitors.

Project Need: The revision will address comments received during the revision ballot of IEEE 1036-2010 as well as add new content to keep in line with current industry developments and needs. This revision will also complement updates included in the recent revision of IEEE 18-2012.

This guide applies to the use of 50-Hz and 60-Hz shunt power capacitors rated 2400 Vac and above, and assemblies of such capacitors. Included are guidelines for the application, protection, and ratings of equipment for the improved safety and reliability in the utilization of shunt power capacitors. The guide is general and intended to be basic and supplemental to specific recommendations of the manufacturer. The guide covers applications that range from simple capacitor unit utilization to complex capacitor bank situations.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Contact: Kevin Connelly, (703) 841-3299, Kevin.Connelly@Nema.org

BSR ICEA S-103-701-201x, Riser Cables Technical Requirements (revision of ANSI ICEA S-103-701-2004 (R2011))

Stakeholders: Wire manufacturers, builders and Installers.

Project Need: Periodic review of standard.

This Standard covers mechanical, electrical, and flammability requirements for riser cables. Depending upon the application and system requirements, this Standard provides choices for materials and transmission characteristics. For those characteristics where no differentiation is made, the performance requirements are applicable to all cables. Selection of the applicable type shall be at the discretion of the user and shall be designated in the product specification.

BSR ICEA S-91-674-201x, Coax/TP Composite Buried Service Wire (revision of ANSI ICEA S-91-674-2011)

Stakeholders: Telecommunication service providers.

Project Need: The standard is expiring and needs reaffirmation.

This Standard covers mechanical and electrical requirements of service wires containing at least one coaxial core and optionally up to six twisted pairs, used for service applications to extend the telephone/multimedia circuit from the distribution terminal to the subscriber's station-protected or NID (Network Interface Device) or protected NIU (Network Interface Unit). Furthermore, a distinction between Type I and Type II is made with regard to transmission characteristics and shielding materials of the coaxial unit. Buried Service Wire is used to extend buried telephone plant from the distribution cable to the subscriber. The coaxial unit is intended to be used for either RF or compressed digital video and radio transmissions. This unit shall also allow bi-directional traffic. The coaxial unit should also be capable of carrying high speed digital signals for LAN/WAN applications (such as T1, ISDN, etc.) as well as POTS (Plain Old Telephone Services). The network supporting these protocols will be based upon physical lines having a characteristic impedance of 75 Ohms. The coaxial units are specified in three and four common sizes for Type I and Type II respectively, to accommodate different drop lengths. The twisted pair wires are intended for voice and data transmission and their characteristics are based upon existing system requirements and projected application needs.

BSR ICEA S-92-675-201x, Coaxial and Coaxial/Twisted Pair Composite Aerial Service Wires - Technical Requirements (revision of ANSI ICEA S-92-675-2011)

Stakeholders: Telecommunication service providers.

Project Need: The standard is expiring and needs review and revision.

Multi Dwelling Unit (MDU) cables covered by this standard include two classes of cables using single-mode fiber. The first class includes cables used for distribution and delivery of optical fiber from a demarcation point starting at a conventional optical fiber cable, optical fiber splitter or active optical device through an aesthetic duct or less rigorous routing path. This class of cable may consist of an indoor-only rated cable, the Compact Drop or Small Form Factor Compact Drop. The second class of cable is defined to be more rugged and is described as cables that usually terminate at the customer electronics, or Optical Network Terminal (ONT). The rugged cable class may be stapled, routed around corners under tension, and coiled in a tight diameter. Examples include the Rugged Indoor Drop or Indoor/Outdoor Rugged Drop. Fiber mechanical reliability requires that a cable classified as Rugged shall meet the enhanced mechanical reliability requirements set forth in this document. Cables containing Multimode fibers are not covered by this standard. MDU cables using Multimode fibers should follow the intent herein using optical limits given by ICEA 596 where appropriate. Multi Dwelling Unit (MDU) cables covered by this standard include two classes of cables using single mode fiber. The first class includes cables used for distribution and delivery of optical fiber from a demarcation point starting at a conventional optical fiber cable, optical fiber splitter or active optical device through an aesthetic duct or less rigorous routing path. This class of cable may consist of an indoor-only rated cable, the Compact Drop or Small Form Factor Compact Drop. The second class of cable is defined to be more rugged and is described as cables that usually terminate at the customer electronics, or Optical Network Terminal (ONT). The rugged cable class may be stapled, routed around corners under tension, and coiled in a tight diameter. Examples include the Rugged Indoor Drop or Indoor/Outdoor Rugged Drop. Fiber mechanical reliability requires that a cable classified as Rugged shall meet the enhanced mechanical reliability requirements set forth in this document. Cables containing Multimode fibers are not covered by this standard. MDU cables using Multimode fibers should follow the intent herein using optical limits given by ICEA 596 where appropriate.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney, (484) 252-2330, kcooney@scte.org

BSR/SCTE 120-201x, Test Method for Balance Ratio of 75-300 Ohm Matching Transformer (revision of ANSI/SCTE 120-2011)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This test procedure provides a method for measuring the balance ratio of broadband radio frequency (RF) devices whose primary purpose is to provide an impedance and connector match between 75, coaxial, type “F” and 300 twin-lead open screw connectorized devices.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation

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Phone: (703) 647-2779
Web: www.aami.org

AGA (ASC B109)
American Gas Association

400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7058
Web: www.aga.org

AGMA
American Gear Manufacturers Association

1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

ANS
American Nuclear Society

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

API
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8151
Fax: (202) 682-4797
Web: www.api.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
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Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated

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ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

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Fax: (404) 321-5478
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

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New York, NY 10016
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Fax: (212) 591-8501
Web: www.asme.org

ASQ (ASC Z1)
American Society for Quality

600 N Plankinton Ave
Milwaukee, WI 53203
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Web: www.asq.org

ASTM
ASTM International

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

ATIS
Alliance for Telecommunications Industry Solutions

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

AWPA (ASC O5)
American Wood Protection Association

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

AWS
American Welding Society

8669 NW 36 Street, #130
Miami, FL 33166
Phone: (305) 443-9353
Web: www.aws.org

AWWA
American Water Works Association

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

BICSI
Building Industry Consulting Service International

8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.org

CPLSO
Crane Power Line Safety Organization

The Marchioness Building,
Commercial Road
Bristol BS16TG, UK BS1 6TG
Phone: (078) 796-2989

CTA
Consumer Technology Association

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

ECIA
Electronic Components Industry Association

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

FCI
Fluid Controls Institute

1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105
Web: www.fluidcontrolsinstitute.org

FM
FM Approvals

1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

HL7
Health Level Seven

3300 Washtenaw Avenue
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Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

IEEE
Institute of Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08854-4141
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Web: www.ieee.org

IESNA
Illuminating Engineering Society of North America

120 Wall St. - 17th Floor
New York, NY 11570
Phone: (212) 248-5000
Web: www.iesna.org

ISA (Organization)
International Society of Automation

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

ITI (INCITS)
InterNational Committee for Information Technology Standards

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

LEO
Leonardo Academy, Inc.

8401 Excelsior Drive
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MHI
Material Handling Industry

8720 Red Oak Blvd. - Ste. 201
Suite 201
Charlotte, NC 28217
Phone: (704) 714-8755
Fax: (704) 676-1199
Web: www.mhi.org

NCSBN
National Council of State Boards of Nursing

111 E. Wacker Drive, Suite 2900
Chicago, IL 60601-4277
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Fax: (312) 279-1032
Web: www.ncsbn.org

NEBB
National Environmental Balancing Bureau

8575 Grovemont Circle
Gaithersburg, MD 20877
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NEMA (ASC C8)
National Electrical Manufacturers Association

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Phone: (703) 841-3299
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-3817
Fax: (734) 827-7875
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers

140 Phillips Rd
Exton, PA 19341
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SVIA
Specialty Vehicle Institute of America

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Fax: (949) 727-4216

TCNA (ASC A108)
Tile Council of North America

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TNI
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ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 11843-7, Capability of detection - Part 7: Methodology based on stochastic properties of instrumental noise - 3/1/2017, $71.00

DENTISTRY (TC 106)

ISO 20126/DAmd1, Dentistry - Manual toothbrushes - General requirements and test methods - Amendment 1 - 12/28/2016, $29.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14044/DAmd1, Environmental management - Life cycle assessment - Requirements and guidelines - Amendment 1 - 12/30/2016, $33.00

ISO/DIS 14026, Environmental labels and declarations - Principles, requirements and guidelines for communication of footprint information - 12/31/2016, $67.00

GAS CYLINDERS (TC 58)

ISO 11118/DAmd1, Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods - Amendment 1 - 2/25/2017, $29.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO/DIS 20696, Sterile urethal catheters for single use - 3/2/2017, $98.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 16809, Non-destructive testing - Ultrasonic thickness measurement - 12/31/2016, $107.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11553-1, Safety of machinery - Laser processing machines - Part 1: General safety requirements - 12/29/2016, $77.00

ISO/DIS 11553-2, Safety of machinery - Laser processing machines - Part 2: Safety requirements for hand-held laser processing devices - 12/29/2016, $98.00

ISO/DIS 11979-7, Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations of intraocular lenses for the correction of aphakia - 2/25/2017, $112.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 287, Paper and board - Determination of moisture content of a lot - Oven-drying method - 1/1/2017, $53.00

PLASTICS (TC 61)

ISO/DIS 21970-1, Plastics - Polyketone (PK) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 3/3/2017, $40.00

ISO/DIS 21970-2, Plastics - Polyketone (PK) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 3/3/2017, $46.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO/DIS 21503, Project, programme and portfolio management - Guidance on programme management - 12/30/2016, $62.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 16304, Ships and marine technology - Marine environment protection - Arrangement and management of port waste reception facilities - 1/1/2017, $93.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 19668, Surface chemical analysis - X-ray photoelectron spectroscopy - Estimating and reporting detection limits for elements in homogeneous materials - 12/28/2016, $77.00

TEXTILES (TC 38)

ISO/DIS 15797, Textiles - Industrial washing and finishing procedures for testing of work wear - 3/3/2017, $62.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 17175, Bidis - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine - 3/2/2017, $67.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 16119-5, Agricultural and forestry machinery - Environmental requirements for sprayers - Part 5: Aerial spray systems - 12/30/2016, $58.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 4250-2, Earth-mover tyres and rims - Part 2: Loads and inflation pressures - 3/3/2017, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 22076, The open trusted technology provider standard (O-TTPS) - Mitigating maliciously tainted and counterfeit products assessment procedures v1.1.1 - 2/26/2017, $102.00

ISO/IEC DIS 30134-4, Information technology - Data centres - Key performance indicators - Part 4: IT Equipment Energy Efficiency for servers (ITEEsv) - 12/31/2016, $53.00

ISO/IEC DIS 30134-5, Information technology - Data centres - Key performance indicators - Part 5: IT equipment utilization for servers (ITEUsv) - 1/1/2017, $46.00

IEC Standards

10/1008/CD, IEC 63012 ED1: Insulating liquids - Unused modified or blended esters and mixtures with esters for electrotechnical applications, 2017/2/17

17A/1129/CD, IEC/TR 62271-306 A1 Ed. 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, 2017/1/20

23B/1235/FDIS, IEC 60669-1 Ed. 4: Switches for household and similar fixed-electrical installations - Part 1: General requirements, 017/1/6/

23E/990/CDV, IEC 60755 Ed.1: General safety requirements for residual current operated protective devices - Group safety publication, 2017/2/17

31/1295/NP, PNW 31-1295: Workplace atmospheres - Part 2: Gas detectors - Selection, installation, use and maintenance of detectors for toxic gases and vapours and oxygen, 2017/2/17

45A/1116/CDV, IEC 62887 Ed.1: Nuclear power plants - Instrumentation systems important to safety - Pressure transmitters: Characteristics and test methods, 2017/2/17

48B/2539/FDIS, IEC 61076-2-113 Ed1: Connectors for electronic equipment - Product requirements - Part 2-113: Circular connector - Detail specification for connectors with data and power contacts with M12 screw-locking, 017/1/6/

57/1793/DC, Second draft for IEC TR 62361-103, Power systems management and associated information exchange - Interoperability in the long term - Part 103: Standard profiling, 2017/1/20

64/2145/CDV, IEC 60364-7-711: Low voltage electrical installation - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands, 2017/2/17

65E/516/CDV, IEC 62714-1 Ed. 2.0: Engineering data exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 1: Architecture and general requirements, 2017/2/17

82/1212/DTS, IEC TS 62788-7-2 ED1: Measurement procedures for materials used in photovoltaic modules - Part 7-2: Environmental exposures - Accelerated weathering tests of polymeric materials, 2017/2/17

82/1211/DC, Proposed revision of IEC 61730-1 Ed.2: Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, 017/1/6/

86A/1764/CDV, IEC 60794-1-3/Ed1: Optical fibre cables - Part 1-3: Generic specification - Optical cable elements, 2017/2/17

86B/4025/CDV, IEC 61300-3-30/Ed2: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-30: Examinations and measurements - Endface geometry of rectangular ferrule, 2017/2/17

86C/1427/DTR, IEC TR 61282-15 ED1: Fibre optic communication system design guides - Part 15: Cable plant and link: Testing multi-fibre optic cable plant terminated with MPO connectors, 2017/1/20

86C/1428/DTR, IEC TR 63072-1 ED1: Photonic integrated circuits Part 1: Introduction and roadmap for standardization, 2017/1/20

104/714/CDV, IEC 60068-2-52 Ed.3: Environmental testing - Part 2 -52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution), 2017/2/17

121A/122/NP, PNW 121A-122: Low-voltage switchgear and controlgear - Ancillary equipment - Terminal blocks for aluminium conductors, 2017/2/17

121A/123/CD, IEC 60947-4-1 Ed. 4: Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters, 2017/2/17

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 30114-1:2016, Information technology - Extensions of Office Open XML file formats - Part 1: Guidelines, $51.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 16610-28:2016, Geometrical product specifications (GPS) - Filtration - Part 28: Profile filters: End effects, $149.00

FLOOR COVERINGS (TC 219)

ISO 20326:2016, Resilient floor coverings - Specification for floor panels/assembly for loose laying, $123.00

GAS CYLINDERS (TC 58)

ISO 12209/Amd1:2016, Gas cylinders - Outlet connections for gas cylinder valves for compressed breathable air - Amendment 1: Outlet connection up to a maximum cylinder working pressure of 500 bar, $22.00

GRAPHICAL SYMBOLS (TC 145)

ISO 3864-2:2016, Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels, $149.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 15261/Amd1:2016, Vibration and shock generating systems - Vocabulary - Amendment 1, $51.00

NUCLEAR ENERGY (TC 85)

ISO 22765:2016, Nuclear fuel technology - Sintered (U,Pu)O2 pellets - Guidance for ceramographic preparation for microstructure examination, $88.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 17493:2016, Clothing and equipment for protection against heat - Test method for convective heat resistance using a hot air circulating oven, $88.00

ROAD VEHICLES (TC 22)

ISO 13948-2:2016, Diesel engines - Fuel injection pumps and fuel injector low-pressure connections - Part 2: Non-threaded (push-on) connections, $88.00

SMALL TOOLS (TC 29)

ISO 1085:2016, Assembly tools for screws and nuts - Double-ended wrenches - Size pairing, $51.00

ISO 3318:2016, Assembly tools for screws and nuts - Open-ended wrenches, box wrenches and combination wrenches - Maximum widths of heads, $51.00

SOLID MINERAL FUELS (TC 27)

ISO 1213-2:2016, Solid mineral fuels - Vocabulary - Part 2: Terms relating to sampling, testing and analysis, $51.00

STEEL (TC 17)

ISO 18203:2016, Steel - Determination of the thickness of surface-hardened layers, $88.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 24617-8:2016, Language resource management - Semantic annotation framework (SemAF) - Part 8: Semantic relations in discourse, core annotation schema (DR-core), $200.00

TEXTILES (TC 38)

ISO 16847:2016, Textiles - Test method for assessing the matting appearance of napped fabrics after cleansing, $51.00

VALVES (TC 153)

ISO 6553:2016, Automatic steam traps - Marking, $51.00

WATER QUALITY (TC 147)

ISO 9308-1/Amd1:2016, Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora- Amendment 1, $22.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 10675-1:2016, Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 1: Steel, nickel, titanium and their alloys, $88.00

WOOD-BASED PANELS (TC 89)

ISO 27769:2016, Wood-based panels - Wet process fibreboard, $123.00

ISO Technical Specifications

DENTISTRY (TC 106)

ISO/TS 20746:2016, Dentistry - Determination of the strength of dental amalgam by the Hertzian indentation strength (HIT) method, $88.00

FIRE SAFETY (TC 92)

ISO/TS 5660-4:2016, Reaction-to-fire tests - Heat release, smoke production and mass loss rate - Part 4: Measurement of low levels of heat release, $173.00

HEALTH INFORMATICS (TC 215)

ISO/TS 18062:2016, Health informatics - Categorial structure for representation of herbal medicaments in terminological systems, $149.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 21219-23:2016, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 23: Roads and multimodal routes (TPEG2-RMR), $200.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19794-5/Amd2/Cor1:2016, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 2 - Corrigendum, FREE

ISO/IEC 23003-1/Amd3:2016, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 3: MPEG Surround extension for 3D Audio, $22.00

ISO/IEC 15416:2016, Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols, $200.00

ISO/IEC 18367:2016, Information technology - Security techniques - Cryptographic algorithms and security mechanisms conformance testing, $240.00

ISO/IEC 19637:2016, Information technology - Sensor network testing framework, $200.00

ISO/IEC 23006-2:2016, Information technology - Multimedia service platform technologies - Part 2: MPEG extensible middleware (MXM) API, $200.00

ISO/IEC 23006-3:2016, Information technology - Multimedia service platform technologies - Part 3: Conformance and reference software, $173.00

ISO/IEC TS 19763-13:2016, Information technology - Metamodel framework for interoperability (MFI) - Part 13: Metamodel for form design registration, $200.00

IEC Standards

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 61587-1 Ed. 4.0 b:2016, Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor condition use and transportation, $278.00

FIBRE OPTICS (TC 86)

IEC 61202-1 Ed. 4.0 en:2016, Fibre optic interconnecting devices and passive components - Fibre optic isolators - Part 1: Generic specification, $182.00

IEC 60794-2-22 Ed. 1.0 b:2016, Optical fibre cables - Part 2-22: Indoor cables - Detail specification for multi-simplex breakout optical cables to be terminated with connectors, $61.00

IEC 61755-3-10 Ed. 1.0 en:2016, Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Non-angled, ferrule-less, bore alignment connectors, $43.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC 60404-8-6 Ed. 3.0 b:2016, Magnetic materials - Part 8-6: Specifications for individual materials - Soft magnetic metallic materials, $121.00

PRIMARY CELLS AND BATTERIES (TC 35)

IEC 62281 Ed. 3.0 b:2016, Safety of primary and secondary lithium cells and batteries during transport, $206.00

S+ IEC 62281 Ed. 3.0 en:2016 (Redline version), Safety of primary and secondary lithium cells and batteries during transport, $265.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 61215-1-2 Ed. 1.0 b:2016, Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules, $43.00

IEC 61215-1-3 Ed. 1.0 b:2016, Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules, $43.00

IEC 61215-1-4 Ed. 1.0 b:2016, Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,GA)(S,Se)$_2$ based photovoltaic (PV) modules, $43.00

IEC Technical Reports

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC/TR 62278-4 Ed. 1.0 en:2016, Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 4: RAM risk and RAM life cycle aspects, $85.00

IEC Technical Specifications

ROTATING MACHINERY (TC 2)

IEC/TS 60034-30-2 Ed. 1.0 en:2016, Rotating electrical machines - Part 30-2: Efficiency classes of variable speed AC motors (IE-code), $157.00

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Accreditation as an ANSI ASD

Caveon, LLC

ANSI's Executive Standards Council has approved Caveon, LLC, a new ANSI Member in 2016, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on Caveon-sponsored American National Standards, effective December 12, 2016. For additional information, please contact: Ms. Jamie R. Mulkey, Vice-President, Client Services, Caveon, LLC, 6905 South 1300 East #468, Midvale, UT 84047; phone: 916.873.2900; e-mail: jamie.mulkey@caveon.com.

International Organization for Standardization (ISO)

Establishment of ISO Project Committee

ISO/PC 310 – Wheeled Child Conveyances

A new ISO Project Committee, ISO/PC 310 – Wheeled child conveyances, has been formed. The Secretariats has been assigned to France (AFNOR) and China (SAC).

ISO/PC 310 operates under the following scope:

Standardization deliverable in the field of wheeled child conveyances designed for the carriage of one or more children. It covers safety requirements and test methods.

Excluded: toys, shopping trolleys, baby carriers fitted with wheels, wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

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).

New Secretariats

ISO/TC 260 – Human resource management

Comment Deadline: January 6, 2017

The University of Texas Medical Branch (UTMB) has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 260 secretariat to UTMB. The secretariat was previously held by the American National Standards Institute (ANSI) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 260 operates under the following scope:

Standardization in the field of human resource management.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

Table 1 - Designated Fiber Strength and Modulus of Elasticity Specifically for Wood Utility Poles[1)]

Seasoning Treatment Group	Genus and Species	Fiber Strength[1)] (psi)	Fiber Strength[1)] (kPa)	Modulus of Elasticity[1),7)] (10^6 psi)	Modulus of Elasticity[1),7)] (GPa)
Group A (air seasoning)					
Cedar, northern white (eastern)	*Thuja occidentalis*	4000	27600		
Cedar, western red [4)]	*Thuja plicata*	6000	41400	1.43	9.86
Pine, ponderosa	*Pinus ponderosa*	6000	41400		
Fir, western (true fir)		6600	45500		
California red[2)]	*Abies magnifica*				
Grand[2)]	*Abies grandis*				
Noble[2)]	*Abies procera*				
Pacific silver[2)]	*Abies amabilis*			1.67	11.51
White[2)]	*Abies concolor*				
Pine, jack	*Pinus banksiana*	6600	45500		
Pine, lodgepole	*Pinus contorta*	6600	45500	1.66	11.44
Pine, red (Norway)	*Pinus resinosa*	6600	45500	1.47	10.13
Pine, Scots[6)]	*Pinus sylvestris*	7800	53800	1.16	8.00
Cedar, Alaska yellow	*Chamaecyparis nootkatensis*	7400	51000		
Douglas-fir, interior north [4),5)]	*Pseudotsuga menziesii*	8000	55200		
Group B (Boulton drying)					
Douglas-fir, coast [4),5)]	*Pseudotsuga menziesii*	8000	55200	2.38	16.40
Larch, western	*Larix occidentalis*	8400	57900	2.65	18.27
Group C (steam conditioning)					
Pine, southern [4)]		8000	55200	2.13	14.68
Loblolly	*Pinus taeda*				
Longleaf	*Pinus palustris*				
Shortleaf	*Pinus echinata*				
Slash	*Pinus elliottii*				
Group D (kiln drying)					
Cedar, western red [4)]	*Thuja plicata*	6000	41400	1.43	9.86
Douglas-fir, interior north [4),5)]	*Pseudotsuga menziesii*	8000	55200		
Douglas-fir, coastal [4),5)]	*Pseudotsuga menziesii*	8000	55200	2.38	16.40
Larch, western	*Larix occidentalis*	8400	57900	2.65	18.27
Pine, jack	*Pinus banksiana*	6600	45500		
Pine, lodgepole	*Pinus contorta*	6600	45500	1.66	11.44
Pine, ponderosa	*Pinus ponderosa*	6000	41400		
Pine, radiata (Chilean) [3)]	*Pinus Radiata D. Don*	6600	45500	1.54	10.62
Pine, red	*Pinus resinosa*	6600	45500	1.47	10.13
Pine, Scots[6)]	*Pinus sylvestris*	7800	53800	1.16	8.00
Pine, southern [4)]		8000	55200	2.13	14.68
Loblolly	*Pinus taeda*				
Longleaf	*Pinus palustris*				
Shortleaf	*Pinus echinata*				
Slash	*Pinus elliottii*				

NOTES:

1) The fiber strength and MOE values in Table 1 apply only to wood utility poles meeting this standard. The effects of conditioning on fiber strength and MOE have been accounted for in the Table 1 values provided that conditioning was performed within the limits herein prescribed.

2) Not in common use according to *Wood Preservation Statistics*, Forest Service, U.S. Department of Agriculture, 1973.

3) Radiata pine includes only material produced in Chile between south 33° and south 40° latitude, is limited to no more than 45 feet in length, and limited to pole class sizes 4-10.

4) The designated fiber strength represents a mean, groundline, fiber strength value with a coefficient of variation equal to 0.20.

5) Where Douglas-fir (~~e~~Coastal or Interior North) are through bored prior to treatment, to account for the process, the designated fiber strength shall be reduced 5 % to 7600 psi (52440 kPa).

6) Data source for Scots Pine MOE is BS EN 14229.

7) The Modulus of Elasticity (MOE) represents a mean value.

[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and grey highlights to indicate the proposed new text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot. Rationale Statements are in RED and only used to add clarity; these statements will NOT be in the finished publication]

NSF/ANSI International Standard
for Food Equipment —

Commercial powered food preparation equipment

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5 Design and construction

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5.34.1 Knife

5.34.1.1 The knife shall be of one-piece construction.

5.34.1.2 When carbon steel knives are to be plated, the plating materials shall meet food zone requirements.

5.34.1.3 The juncture at the knife and hub are exempt from 5.2 and 5.4.

5.34.1.4 The attachment of the knife to the hub is exempt from 5.5.1.

5.34.1.5 The knife sharpener cover shall meet design and construction requirements for a splash zone.

5.34.1.6 Sealants or gaskets shall not be used on the knife cover.

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Rationale: *Revisions to the deli slicer requirements adopted into the 2010 edition of NSF/ANSI 8 added many new requirements for gaskets and sealants used in high risk areas. This included eliminating the use of sealants or gaskets in the food zone on the carriage tray portion of the slicer.*

While reviewing a proposed design, an attempt to use a sealant on the back side of the knife cover was noted. The current standard only prohibits the use of the sealant on the carriage tray and would allow sealant to be use in a food zone on other areas. The issue proponent recognized the need to consider the underside of the knife cover as it is also a high risk area where the use of sealants or gaskets would not be ideal.

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9.5 Cover and mounting ring

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9.5.2.2 All non-polymer skimmer covers and s~~S~~kimmer covers that pass the UV exposure test shall be tested for structural integrity in accordance with E.5.3. A skimmer cover shall not deflect more than 0.35 in (9.0 mm), permanently deform, crack, or lose material exclusive of plating or finish when subjected to a point load of 300 lb ± 5 lb (136 kg ± 2.2 kg).

BSR/UL 60079-18, Standard for Safety for Explosive Atmospheres – Part 18: Equipment Protection by Encapsulation "m"

1. Revisions for 10 e) to include the appropriate US terms for EPLs

PROPOSAL

10DV DR Modification of Clause 10 e) to replace with the following:

In addition to the requirements of ~~IEC~~ UL 60079-0, the marking shall include:

a) the rated voltage,

b) the rated current,

c) the prospective short-circuit current of the external electric supply source if less than 1 500 A, for example "Permitted supply short-circuit current: 500 A".

d) optionally, the permitted prospective short-circuit current of the external electrical supply if the equipment is designed for a short-circuit current of 1 500 A or more, for example "Permitted supply short-circuit current: 3,500 A".

e) for ~~all~~ levels of protection "ma", "mb" and "mc" for EPL Da, Db and EPL Dc, ~~tested without a dust layer,~~ the maximum surface temperature in degrees Celsius and the unit of measurement ℃ preceded with the letter "T", (e.g. T 90 ℃). ~~For level of protection "ma" for EPL Da, and where appropriate for level of protection "mb" and "mc" for EPL Db and EPL Dc tested with dust layer, the maximum surface temperature T_L shall be shown as a temperature value in degrees Celsius and the unit of measurement ℃, with the layer depth $_L$ indicated as a subscript in mm, (e.g. T_{200} 320 ℃). In the case of Levels of Protection "mb" and "mc" for EPL Db or Dc, tested with a dust layer. The maximum surface temperature without the dust layer is not required to be marked.~~ Alternatively the marking indicated in c) and ~~,~~ d) ~~and e)~~ above can be included in the instructions and the equipment shall be marked ~~"X"~~ to indicate this specific condition of use in accordance with the "specific conditions of use" marking requirements of ~~IEC~~ UL 60079-0.

BSR/UL 1123, Standard for Safety for Marine Buoyant Devices

1. Label proposal

PROPOSAL

36A.3.2.1 The Certification and Approval Panel shall include the following information, arranged as indicated:

a) Company trademark and/or name and physical address or web address of the Applicant, in the upper left corner of the Panel;

b) “USCG Approved” and the U.S. Coast Guard Approval Number in the format “160.###/####/#” ~~[~~and TC approval information if applicable~~]~~, in the lower left corner of the Panel;

c) Model Number and Style (if applicable), manufacturer may include a catalog number;

d) Certification Standard and the Performance Level (Type) ~~code ("Type II" or "Type III")~~

e) Lot Number, directly below the Model Number and Style. The lot number shall:

1. Incorporate a means of identifying the year and quarter of manufacture of the device;

2. Be numbered serially; and

3. Provide a means of identifying the device as the product of a particular factory (if a manufacturer produces PFDs at more than one factory);

f) The Mark or Name of the Certification Organization, in the lower right corner of the Panel; and

g) State "Required to be worn to comply with U.S. carriage requirements ~~Approved only when worn~~", if applicable in the bottom left of the panel. See the following:

English	French	Spanish
Required to be worn to comply with U.S. carriage requirements ~~Approved only when worn~~.	Obligation d'être porté pour se conformer aux exigences de transport des États-Unis ~~Approuvé que lorsqu'ils sont usés~~.	Requiere ser usado para cumplir con los requisitos de transporte de EE.UU ~~Aprobado sólo cuando se usa~~.

BSR/UL 1453, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters

1. Revision to polymeric material and thermal insulation requirements

PROPOSAL

20.2 ~~Synthetic~~ Polymeric foam

20.2.1 If ~~synthetic~~ polymeric foam is used as thermal insulation:

a) The foam shall be completely enclosed by ~~metal having a thickness as indicated in Tables 6.1 and 6.2~~ an outer jacket in accordance with 6.1.5 or 6.1.6, as applicable. If the foam has a flame spread classification greater than 25 as shown by the Standard Test for Surface Burning Characteristics of Building Materials, UL 723, it shall be completely enclosed by metal in accordance with 6.1.5;

b) All enclosure fastening means shall be mechanically secured;

c) The foam shall not be in contact with the internal wiring of the water heater; ~~and~~

d) The foam shall be located no less than 2 inches (50.8 mm) from any electrical component, such as a thermostat or heating element~~.~~; and

e) The foam shall be rated for the temperatures involved as specified in the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B.

Exception No. 1: ~~With respect to (a), foam that has a flame spread classification of 25 or less as shown by the Standard Test for Surface Burning Characteristics of Building Materials, UL 723, is not required to be enclosed in metal.~~ As an alternative to (a), polyvinyl chloride, polyethylene, or the equivalent shall be used in place of enclosure metal at a plumbing connection when the opening at the connection does not exceed three times the diameter of the pipe.

Exception No. 2: With respect to (c), the foam ~~may be in contact with internal wiring if~~ shall not be in contact with internal wiring unless the entrance and exit wiring holes are sealed with PVC grommets or sealing compound.

Exception No. 3: ~~If the entrance and exit wiring holes are not sealed as specified in Exception No. 2 the foam may be in contact with internal wiring and the electrical components may be located less than 2 inches from the foam if no fire occurs as a result of the electrical disturbance test described in Section 53, Electrical Disturbance Evaluation of Foam Thermal Insulation.~~ With regard to (c) and (d), the foam shall not be in contact with internal wiring and the electrical components shall not be located less than 2 inches from the foam unless:

a) The foam has a flame class rating of HF-1 or HF-2 in accordance with the Appendix A included with the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94; or

b) No fire occurs as a result of the electrical disturbance test described in Section 53, Electrical Disturbance Evaluation of Foam Thermal Insulation.

Exception No. 4: With regard to (e), a foam is not required to be temperature rated as specified in UL 746B if it is not subjected to temperatures exceeding the temperature requirements documented by the foam manufacturer.

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*The "Submit End" deadline applies to forms received by Monday, 5:00 PM ET

ISSUE	SUBMIT START	*SUBMIT END 5PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
1	12/20/2016	12/26/2016	Jan-6	2/5/2017	2/20/2017	3/7/2017
2	12/27/2016	1/2/2017	Jan-13	2/12/2017	2/27/2017	3/14/2017
3	1/3/2017	1/9/2017	Jan-20	2/19/2017	3/6/2017	3/21/2017
4	1/10/2017	1/16/2017	Jan-27	2/26/2017	3/13/2017	3/28/2017
5	1/17/2017	1/23/2017	Feb-3	3/5/2017	3/20/2017	4/4/2017
6	1/24/2017	1/30/2017	Feb-10	3/12/2017	3/27/2017	4/11/2017
7	1/31/2017	2/6/2017	Feb-17	3/19/2017	4/3/2017	4/18/2017
8	2/7/2017	2/13/2017	Feb-24	3/26/2017	4/10/2017	4/25/2017
9	2/14/2017	2/20/2017	Mar-3	4/2/2017	4/17/2017	5/2/2017
10	2/21/2017	2/27/2017	Mar-10	4/9/2017	4/24/2017	5/9/2017
11	2/28/2017	3/6/2017	Mar-17	4/16/2017	5/1/2017	5/16/2017
12	3/7/2017	3/13/2017	Mar-24	4/23/2017	5/8/2017	5/23/2017
13	3/14/2017	3/20/2017	Mar-31	4/30/2017	5/15/2017	5/30/2017
14	3/21/2017	3/27/2017	Apr-7	5/7/2017	5/22/2017	6/6/2017
15	3/28/2017	4/3/2017	Apr-14	5/14/2017	5/29/2017	6/13/2017
16	4/4/2017	4/10/2017	Apr-21	5/21/2017	6/5/2017	6/20/2017
17	4/11/2017	4/17/2017	Apr-28	5/28/2017	6/12/2017	6/27/2017
18	4/18/2017	4/24/2017	May-5	6/4/2017	6/19/2017	7/4/2017
19	4/25/2017	5/1/2017	May-12	6/11/2017	6/26/2017	7/11/2017
20	5/2/2017	5/8/2017	May-19	6/18/2017	7/3/2017	7/18/2017
21	5/9/2017	5/15/2017	May-26	6/25/2017	7/10/2017	7/25/2017
22	5/16/2017	5/22/2017	Jun-2	7/2/2017	7/17/2017	8/1/2017
23	5/23/2017	5/29/2017	Jun-9	7/9/2017	7/24/2017	8/8/2017
24	5/30/2017	6/5/2017	Jun-16	7/16/2017	7/31/2017	8/15/2017
25	6/6/2017	6/12/2017	Jun-23	7/23/2017	8/7/2017	8/22/2017
26	6/13/2017	6/19/2017	Jun-30	7/30/2017	8/14/2017	8/29/2017
27	6/20/2017	6/26/2017	Jul-7	8/6/2017	8/21/2017	9/5/2017
28	6/27/2017	7/3/2017	Jul-14	8/13/2017	8/28/2017	9/12/2017
29	7/4/2017	7/10/2017	Jul-21	8/20/2017	9/4/2017	9/19/2017

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30	7/11/2017	7/17/2017	Jul-28	8/27/2017	9/11/2017	9/26/2017
31	7/18/2017	7/24/2017	Aug-4	9/3/2017	9/18/2017	10/3/2017
32	7/25/2017	7/31/2017	Aug-11	9/10/2017	9/25/2017	10/10/2017
33	8/1/2017	8/7/2017	Aug-18	9/17/2017	10/2/2017	10/17/2017
34	8/8/2017	8/14/2017	Aug-25	9/24/2017	10/9/2017	10/24/2017
35	8/15/2017	8/21/2017	Sep-1	10/1/2017	10/16/2017	10/31/2017
36	8/22/2017	8/28/2017	Sep-8	10/8/2017	10/23/2017	11/7/2017
37	8/29/2017	9/4/2017	Sep-15	10/15/2017	10/30/2017	11/14/2017
38	9/5/2017	9/11/2017	Sep-22	10/22/2017	11/6/2017	11/21/2017
39	9/12/2017	9/18/2017	Sep-29	10/29/2017	11/13/2017	11/28/2017
40	9/19/2017	9/25/2017	Oct-6	11/5/2017	11/20/2017	12/5/2017
41	9/26/2017	10/2/2017	Oct-13	11/12/2017	11/27/2017	12/12/2017
42	10/3/2017	10/9/2017	Oct-20	11/19/2017	12/4/2017	12/19/2017
43	10/10/2017	10/16/2017	Oct-27	11/26/2017	12/11/2017	12/26/2017
44	10/17/2017	10/23/2017	Nov-3	12/3/2017	12/18/2017	1/2/2018
45	10/24/2017	10/30/2017	Nov-10	12/10/2017	12/25/2017	1/9/2018
46	10/31/2017	11/6/2017	Nov-17	12/17/2017	1/1/2018	1/16/2018
47	11/7/2017	11/13/2017	Nov-24	12/24/2017	1/8/2018	1/23/2018
48	11/14/2017	11/20/2017	Dec-1	12/31/2017	1/15/2018	1/30/2018
49	11/21/2017	11/27/2017	Dec-8	1/7/2018	1/22/2018	2/6/2018
50	11/28/2017	12/4/2017	Dec-15	1/14/2018	1/29/2018	2/13/2018
51	12/5/2017	12/11/2017	Dec-22	1/21/2018	2/5/2018	2/20/2018
52	12/12/2017	12/18/2017	Dec-29	1/28/2018	2/12/2018	2/27/2018