ANSI STANDARDS ACTION

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VOL. 50, #22 *May 31, 2019*

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: June 30, 2019

NSF (NSF International)

Revision

BSR/NSF/CAN 61-201x (i145r1), Drinking Water System Components - Health Effects (revision and redesignation of ANSI/NSF 61 -2018)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

Click here to view these changes in full

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

BSR/NSF/CAN 61-201x (i147r1), Drinking Water System Components - Health Effects (revision and redesignation of ANSI/NSF 61 -2018)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 268-201x, Standard for Safety for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2016)

Document dated May 31, 2019 recirculates a corrective change to the following topic from the UL 268 recirculation proposal dated March 29, 2019: Item 8, Detector Air Velocity in Excess of 300 fpm. The reference to section 74 was inadvertently included and will be removed.

Click here to view these changes in full

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

BSR/UL 300-201X, Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (revision of ANSI/UL 300-2014)

UL proposes a recirculation to withdraw the safety critical function protection requirements proposal dated 11-2-18.

Click here to view these changes in full

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

BSR/UL 583-201x, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2018)

This proposal for UL 583 covers:See attachment at the end of Standards Action.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Wilbert Fletcher, (919) 549-1337, Wilbert.Fletcher@ul.com

BSR/UL 982-201x, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)

This proposal for UL 982 covers: (2) Smart enabled food preparing machines, (3) Vacuum blender requirements, (4) Feed opening accessibility, and (5) Electric knife unintentional operation.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

BSR/UL 1739-201x, Standard for Safety for Pilot-Operated Pressure-Control Valves for Fire-Protection Service (revision of ANSI/UL 1739-2017)

(1) Clarification to Operation test.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Griff Edwards, (919) 549-0956, griff.edwards@ul.com

BSR/UL 121201-201X, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2017)

This recirculation proposal provides revisions to the UL 121201 proposal dated March 8, 2019.

Click here to view these changes in full

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

BSR/UL 121203-201X, Standard for Safety for Portable Electronic Products Suitable for Use in Class I and II, Division 2, Class I, Zone 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121203-2011 (R2015))

This proposal provides revisions to the proposal document dated December 14, 2018.

Click here to view these changes in full

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

Comment Deadline: July 15, 2019

API (American Petroleum Institute)

Revision

BSR/API Standard 2350-201x, Overfill Prevention for Atmospheric Storage Tanks in Petroleum Facilities (revision and redesignation of ANSI/API Standard 2350-2012)

This standard is one of minimum requirements. Alternate approaches or variations on the principles of this standard that provide equivalent or more robust overfill prevention are acceptable. Alternate approaches may be needed when the tank system varies from the typical configurations described in this standard. The rationale for the implementation of each overfill prevention process (OPP) should be documented and retained by the owner and operator. This standard is not intended to prevent the use of systems, methods, or devices of equivalent or superior quality, effectiveness, durability, and safety over those provided in this standard.

Single copy price: Free

Obtain an electronic copy from: crimaudos@api.org

Send comments (with optional copy to psa@ansi.org) to: crimaudos@api.org

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASABE S619.1 MONYEAR-201x, Safety for Tractor-Mounted, Boom-Type Post Hole Diggers (revision and redesignation of ANSI/ASABE S619-2014)

The purpose of this Standard is to establish the safety requirements for tractor-mounted, boomtype post hole diggers. This Standard applies to boom-type post hole diggers designed and intended for digging vertical, cylindrical holes. This Standard applies to boom-type post hole diggers designed for attachment to the three-point hitch of agricultural tractors as specified in ANSI/ASAE S390, equipped with Category I or Category II three-point linkage as specified in ANSI/ASABE AD730:2009, and powered by a 540-rpm power take-off or by the agricultural tractor's hydraulic power.

Single copy price: $44.00 (ASABE Members); $65.00 (Non-members)

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with optional copy to psa@ansi.org) to: vangilder@asabe.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standard

BSR X9.100-189-201x, Savings Bond Paying Agent Virtual Stamp (new standard)

This is a proposal to create a Standard that defines a virtual paying agent stamp for Savings Bonds. When a Savings Bond is redeemed it is hand stamped with a paying agent stamp and the redemption amount and redemption date is hand-written on the face of the bond. A virtual stamp would eliminate the manual process of hand-stamping the item. A standard to define the requirements of a virtual stamp will ensure the placement, font size, and data elements of the data provided are consistent and appropriate, and will not obscure important data on the bond.

Single copy price: Free

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

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

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

AWI (Architectural Woodwork Institute)

New Standard

BSR/AWI 0641-201x, Architectural Wood Casework (new standard)

AWI 0641 - Architectural Wood Casework - provides standards for the aesthetic and structural performance of project-specific architectural wood casework. Includes both aesthetic performance and structural performance criteria for architectural wood casework designed and produced for specific construction projects.

Single copy price: Free

Obtain an electronic copy from: agoodin@awinet.org

Order from: Ashley Goodin, (571) 323-3636, agoodin@awinet.org

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

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 60115-9-2014 (R201x), Fixed resistors for use in electronic equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (reaffirmation of ANSI/EIA 60115-9-2014)

This part of IEC 60115 is applicable to fixed surface mount resistor networks with individually measurable resistors for use in electronic equipment.

Single copy price: $82.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 60115-9-1-2014 (R201x), Fixed resistors for use in electronic equipment - Part 9-1: Blank detail specification: Fixed surface mount resistor networks with individually measurable resistors - Assessment level EZ (reaffirmation of ANSI/EIA 60115-9-1-2014)

This document provides the blank detail specifications for fixed surface-mount resistor networks with individually measurable resistors.

Single copy price: $78.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 60115-8 ed. 2.0-2014 (R201x), Fixed Resistors for Use in Electronic Equipment - Part 8: Sectional Specification - Fixed Surface Mount Resistors (reaffirmation of ANSI/EIA 60115-8 ed. 2.0-2014)

This part of IEC 60115 is applicable to fixed surface-mount resistors for use in electronic equipment. These resistors are typically described according to types (different geometric shapes) and styles (different dimensions). They have metallized terminations and are primarily intended to be mounted directly on to a circuit board.

Single copy price: $102.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 60384-25-2017 (R201x), Fixed capacitors for use in electronic equipment - Part 25-1: Blank detail specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-25-2017)

This document provides blank detail specifications for surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte.

Single copy price: $84.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 60384-26-2014 (R201x), Fixed capacitors for use in electronic equipment - Part 26-1: Blank detail specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-26 -2014)

This document provides blank detail specifications for fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte.

Single copy price: $86.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 60440-2014 (R201x), Method of measurement of non-linearity in resistors (reaffirmation of ANSI/EIA 60440-2014)

Non-linearity testing is a method to evaluate the integrity of a resistive element. It may be applied as an effective inline screening method suitable to detect and eliminate potential infant mortality failures in passive components. The method is fairly rapid, convenient, and the associated equipment is relatively inexpensive. Typical effects causing non-linearity on resistors are, e.g., inhomogeneous spots within a resistive film, traces of film left in the spiraling grooves, or contact instability between a connecting lead or termination and the resistive element.

Single copy price: $84.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 62391-2-2014 (R201x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application (reaffirmation of ANSI/EIA 62391-2-2014)

This standard applies to electric double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high capacitance and low internal resistance, which is applicable to Class 3 of the measurement classification specified in IEC 62391-1.

Single copy price: $96.00

Obtain an electronic copy from: www.global.ihs.com

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

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

BSR/EIA 62391-2-1-2014 (R201x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2-1: Blank detail specification - Electric double-layer capacitors for power application - Assessment level EZ (reaffirmation of ANSI/EIA 62391-2-1 -2014)

This standard provides blank detail specifications for electric double-layer capacitors for power application.

Single copy price: $78.00

Obtain an electronic copy from: www.global.ihs.com

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

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 Arden V2.10-2014 (R201x), Health Level Seven Arden Syntax for Medical Logic Systems, Version 2.10-2019 (reaffirmation of ANSI/HL7 Arden V2.10-2014)

The Arden Syntax for Medical Logic Systems v2.10 is the most recent approved version of this formalism for representing computable clinical knowledge. It has been implemented in the clinical decision support systems of several vendors and a number of health care organizations. It is used to represent the knowledge, such as clinical practice guidelines, that such systems employ to create and deliver interventions such as alerts, reminders, targeted data capture forms, order sets and the like.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 EHR BHFP, R1-2008 (R201x), HL7 EHR Behavioral Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR BHFP, R1-2008 (R2014))

This HL7 EHR Behavioral Health Functional Profile (EHR BH FP) contains the functions and conformance criteria deemed important for behavioral health care providers' clinical records systems.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 EHR CHFP, R1-2008 (R201x), HL7 EHR Child Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CHFP, R1-2008 (R2014))

The HL7 Child Health Functional Profile for EHR Systems (Child Health Profile) is designed to assist children's healthcare providers and associated IT vendors to create functionality that ensures safe and reliable care of children through the effective use of information technology.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 EHR CRFP, R1-2009 (R201x), HL7 EHR Clinical Research Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CRFP, R1-2009 (R2014))

The EHR Clinical Research Functional Profile (EHR CR FP) provides high-level functional requirements necessary for using electronic health record (EHR) data for regulated clinical research.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 V3 CSP, R1-2014 (R201x), HL7 Version 3 Standard: Clinical Statement Pattern, Release 1 (reaffirmation of ANSI/HL7 V3 CSP, R1-2014)

The Clinical Statement Pattern provides a model that can be used by various disciplines to propagate commonality in the core clinical modelling space.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 V3 ECG, R1-2004 (R201x), HL7 Version 3 Standard: Regulated Studies - Annotated ECG, Release 1 (reaffirmation of ANSI/HL7 V3 ECG, R1-2004 (R2014))

This specification is used to package annotated digital waveform data produced by an ECG analysis system for transmission from trial sponsor to a regulatory agency. In no case would a waveform recording device be required to communicate its direct waveform readings using this specification.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 V3XMLITS STRUCT4WFCRIDT, R1-2014 (R201x), HL7 Version 3 Standard: XML: Implementation Technology Specification - V3 Structures for Wire Format Compatible Release 1 Data Types, Release 1-2019 (reaffirmation of ANSI/HL7 V3XMLITS STRUCT4WFCRIDT, R1-2014)

The is a reaffirmation of the XML Implementation Technology Specification - Wire Format Compatible Release 1 Data Types, Release 1 specification, AKA R2B data types. It includes the wire format compatible Release 1 Data Types that conform to Abstract Dat Types 2.0, but with limited breaking of the wire format backwards compatibility with ITS Data Types Release 1.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

BSR/HL7 V3XMLITS WFCR1DT, R1-2014 (R201x), HL7 Version 3 Standard: XML Implementation Technology Specification - Wire Format Compatible Release 1 Data Types, Release 1 (reaffirmation of ANSI/HL7 V3XMLITS WFCR1DT, R1-2014)

The is a reaffirmation of the XML Implementation Technology Specification - Wire Format Compatible Release 1 Data Types, Release 1 specification, AKA R2B data types.

Single copy price: Free

Obtain an electronic copy from: Karenvan@HL7.org

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

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

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

New Standard

BSR/ASSE 1093-201x/WSC PAS-97-201x, Performance Requirements for Pitless Adapters, Pitless Units, and Well Caps (new standard)

This standard covers three interrelated devices for creating connections to wells and aquifers: pitless units, pitless adapters, and well caps. The purpose of these devices is to allow for the sanitary flow and protection from surface water contamination of underground water into the cold-water supply to single or multiple premises.

Single copy price: Free

Obtain an electronic copy from: http://www.iapmo.org/media/20998/asse-wsc-1093-public-comment.pdf

Send comments (with optional copy to psa@ansi.org) to: Conrad Jahrling, staffengineer@asse-plumbing.org and Erin Coffman, ecoffman@watersystemscouncil.org

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

BSR/ITSDF B56.11.6-201X, Evaluation of Visibility from Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.6-2005 (R2013))

This Standard specifies the requirements and test procedures for all-round visibility of self-propelled industrial trucks with a rated capacity up to and including 10,000 kg, (22,000 lb.) and industrial variable reach trucks with a rated capacity up to and including 10,000 kg (22,000 lb.), with a sit-on or stand-on operator, without load, and equipped with fork arms or load platform.

Single copy price: Free

Obtain an electronic copy from: info@itsdf.org

Send comments (with optional copy to psa@ansi.org) to: info@itsdf.org

NECA (National Electrical Contractors Association)

New Standard

BSR/NECA 781-201x, Recommended Practice for Installing and Maintaining Lightning Protection Systems (new standard)

This standard covers quality and performance criteria and best practices for lightning protection system design and installation for both new construction and existing structures. The basic components of lighting protection systems are covered as well as basic information related to lightning protection system design and system maintenance.

Single copy price: $25.00 (NECA members); $55.00 (nonmembers)

Obtain an electronic copy from: neis@necanet.org

Send comments (with optional copy to psa@ansi.org) to: neis@necanet.org

NFPA (National Fire Protection Association)

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of NFPA 1051 Second Draft Report for concurrent review by NFPA and ANSI. The disposition of all comments that were received after publication of the NFPA 1051 First Draft Report are published in the NFPA 1051 Second Draft Report, located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example ww.nfpa.org/1051next), can easily access the document's information page. All Notices of Intent to Make A Motion at the 2020 Association Tech Session, in Orlando, Florida on the NFPA 1051 Second Draft Report, must be received by NFPA on or before June 7, 2019.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (http://www.nfpa.org) or contact NFPA's Codes and Standards Administration. Those who sent a Notice of Intent to Make a Motion to NFPA (Contact Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 1051-201x, Standard for Wildland Firefighting Personnel Professional Qualifications (revision of ANSI/NFPA 1051-2016)

This standard shall identify the minimum job performance requirements (JPRs) for wildland fire duties and responsibilities.

Obtain an electronic copy from: www.nfpa.org/1051next

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

NSF (NSF International)

Revision

BSR/NSF 457-201x (i2r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

This is a sustainability leadership Standard for PV modules. The scope of this Standard includes PV modules for installation on, or integral with buildings, or to be primarily used as components of free-standing power-generation systems, including but not necessarily limited to:

— photovoltaic cells that generate electric power using solar energy — interconnects (materials that conduct electricity between cells);

— encapsulant (insulating material enclosing the cells and cell interconnects);

— superstrate (material forming primary light-facing outer surface) and substrate (material forming back outer surface) (e.g., glass, plastic films);

— wires used to interconnect photovoltaic modules and connect junction boxes to the balance of system equipment; and

— frame or integrated mounting mechanism, if present.

The following are not included:

— balance of system equipment, such as cabling and mounting structures, equipment intended to accept the electrical output from the array, such as power conditioning units (inverters) and batteries, unless they are contained in the photovoltaic module;

— a photovoltaic cell that is a part of another device for which it produces the electricity, such as consumer or industrial electronic products (e.g., calculators, lights, textile) where the photovoltaic cell primarily provides the energy needed to make the electronic product function; and

— mobile photovoltaic cell where the inverter is so integrated with the photovoltaic cell that the solar cell requires disassembly before recovery.

This Standard establishes measurable criteria for multiple levels of sustainability/environmental leadership achievement and performance throughout the life-cycle of the product. This Standard addresses multiple attributes and environmental performance categories including management of substances, preferable materials use, life-cycle assessments, energy efficiency and water use, responsible end-of-life management and design for recycling, product packaging, and corporate responsibility.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/48996/457i2r1%20JC%20Memo%20and%20ballot.pdf

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 164-201x, Emergency Alert Metadata Descriptor (revision of ANSI/SCTE 164-2010)

This document defines a container usable by cable system operators for the delivery of Emergency Alert (EA) metadata into the consumer domain. This metadata is designed to support cable set-top terminals which function as servers of “commercial video services” (CVS) into the home network, by providing preformatted XML-based EA data required by such Digital Media Servers (DMS) in the home.

Single copy price: $50.00

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

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

SPRI (Single Ply Roofing Industry)

Revision

BSR/SPRI RD-1-201x, Performance Standard for Retrofit Drains (revision of ANSI/SPRI RD-1-2014)

This standard is a reference for those that design, specify, or install retrofit roof drains which are designed for installation in existing drain plumbing on existing roofs. This standard does not include consideration of all roof storm water drainage code requirements for specific building sites. Design is dictated by local code requirements. As such, this Standard shall be used in conjunction with local code and the installation specifications of the manufacturer of the specific retrofit roof drain.

Single copy price: Free

Obtain an electronic copy from: Linda King, info@spri.org

Order from: Linda King, (781) 647-7026, info@spri.org

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA J-STD-025-B-3-2013 (R201x), Lawfully Authorized Electronic Surveillance (LAES) - Addendum 3: Support for BSID or Subnet (reaffirmation of ANSI/TIA J-STD-025-B-3-2013)

This addendum consists of additions and modifications to ANSI/J-STD-025-B for supporting BSID or Subnet information in the Location Information parameter type of the cdma2000® Abstract Syntax for PacketData CII Delivery.

Single copy price: $65.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Reaffirmation

BSR B74.4-1992 (R201x), Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B74.4-1992 (R2013))

In this method, the bulk density of abrasive grains is determined by the weight of grain required to fill a cylinder of known volume when the abrasive is allowed to flow through a funnel and fall from a fixed height. Two test units are specified to cover the range of abrasive grain sizes, 6 through 8 grit and 1 grit through 240 grit.

Single copy price: $15.00

Obtain an electronic copy from: sab@wherryassoc.com

Order from: sab@wherryassoc.com

Send comments (with optional copy to psa@ansi.org) to: djh@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 2438-2014 (R201x), Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices (reaffirmation of ANSI/UL 2438-2014)

The requirements of this Standard cover outdoor seasonal-use cord-connected wiring devices that are intended for temporary outdoor use - not to exceed 90 days - with outdoor equipment, Christmas-tree, and other seasonal decorative-lighting outfits. Some outdoor seasonal-use cord-connected wiring devices employ additional devices such as photoelectric sensors, fuses, supplementary protectors, timers, audio, flasher control or synchronized features. Products employing additional devices shall meet the intent and testing described in this Standard.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

Order from: http://www.shopulstandards.com

Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: July 30, 2019

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B89.1.5-1998 (R201x), Measurement of Plain External Diameters for Use as Master Discs or Cylindrical Plug Gages (reaffirmation of ANSI/ASME B89.1.5-1998 (R2014))

This Standard is intended to establish uniform practices for the measurement of master discs or cylindrical plug gages to a given tolerance using vertical or horizontal comparators and laser instruments. The Standard includes requirements for geometric qualities of master discs or cylindrical plugs, the important characteristics of the comparison equipment, environmental conditions, and the means to assure that measurements are made with an acceptable level of accuracy. This Standard does not address thread or gear measuring wires.

Single copy price: $39.00

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

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

Send comments (with optional copy to psa@ansi.org) to: Justin Cassamassino, (212) 591-8404, cassasmassinoj@asme.org

BSR/ASME B89.3.4-2010 (R201x), Axes of Rotation: Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2015))

This Standard is primarily intended for, but not limited to, the standardization of methods for specifying and testing axes of rotation of spindles used in machine tools and measuring machines.

Single copy price: $42.00

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

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

Send comments (with optional copy to psa@ansi.org) to: Justin Cassamassino, (212) 591-8404, cassasmassinoj@asme.org

BSR/ASME B89.7.2-2014 (R201x), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B89.7.2-2014)

The objective of this Standard is to ensure correctness and acceptability of dimensional measurements. This Standard specifies requirements for preparation and approval of dimensional measurement plans and for the use of approved plans in making dimensional measurements.

Single copy price: $55.00

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

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

Send comments (with optional copy to psa@ansi.org) to: Justin Cassamassino, (212) 591-8404, cassasmassinoj@asme.org

BSR/ASME B89.7.3.1-2001 (R201x), Guidelines for Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications (reaffirmation of ANSI/ASME B89.7.3.1-2001 (R2011))

These guidelines provide terminology and specify the content that must be addressed when stating a decision rule used for deciding the acceptance or rejection of a product according to specification.

Single copy price: $33.00

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

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

Send comments (with optional copy to psa@ansi.org) to: Justin Cassamassino, (212) 591-8404, cassasmassinoj@asme.org

Projects Withdrawn from Consideration

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

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

BSR/ASHRAE/IAQA/RIA Standard 6000-201x, Standard for Restoration of Buildings Impacted by Combustion Particles (new standard)

This standard specifies methodologies for assessing and restoring building components and indoor air quality impacted by combustion particles from a fire or smoke event.

Inquiries may be directed to Steven Ferguson, (404) 636-8400, sferguson@ashrae.org

ASME (American Society of Mechanical Engineers)

BSR/ASME B16.53-200x, Factory-Made Wrought Steel Buttwelding Induction Bends (new standard)

This Standard covers requirements for process, tolerances, acceptance standards, design, materials, testing, and quality assurance for pipe sections fabricated with bends by the method of induction heating and bending of pipe and/or tubing.

Inquiries may be directed to Mayra Santiago, (212) 591-8521, ansibox@asme.org

BSR/ASME B16.54-201x, Thermoplastic Valves (new standard)

This standard applies to new construction of injection molded, fabricated and cast thermoplastic valves. It covers pressure-temperature ratings, dimensions, tolerances, materials, markings as well as testing, examination, inspection and qualification requirements. End connections include flanged, threaded, union end, fusion/socket/solvent welding end, mechanical joint and wafer valves.

Inquiries may be directed to Mayra Santiago, (212) 591-8521, ansibox@asme.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.

ECIA (Electronic Components Industry Association)

Office: 13873 Park Center Road
Suite 315
Herndon, VA 20171
Contact: Laura Donohoe
Phone: (571) 323-0294
E-mail: ldonohoe@ecianow.org

BSR/EIA 60115-9-2014 (R201x), Fixed resistors for use in electronic equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (reaffirmation of ANSI/EIA 60115-9-2014)

BSR/EIA 60115-9-1-2014 (R201x), Fixed resistors for use in electronic equipment - Part 9-1: Blank detail specification: Fixed surface mount resistor networks with individually measurable resistors - Assessment level EZ (reaffirmation of ANSI/EIA 60115-9-1-2014)

BSR/EIA 60115-8 ed. 2.0-2014 (R201x), Fixed Resistors For Use In Electronic Equipment - Part 8: Sectional Specification Fixed Surface Mount Resistors (reaffirmation of ANSI/EIA 60115-8 ed. 2.0-2014)

BSR/EIA 60384-25-2017 (R201x), Fixed capacitors for use in electronic equipment - Part 25-1: Blank detail specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-25-2017)

BSR/EIA 60384-26-2014 (R201x), Fixed capacitors for use in electronic equipment - Part 26-1: Blank detail specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirmation of ANSI/EIA 60384-26-2014)

BSR/EIA 60440-2014 (R201x), Method of measurement of non-linearity in resistors (reaffirmation of ANSI/EIA 60440-2014)

BSR/EIA 62391-2-2014 (R201x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application (reaffirmation of ANSI/EIA 62391-2-2014)

BSR/EIA 62391-2-1-2014 (R201x), Fixed electric double-layer capacitors for use in electronic equipment - Part 2-1: Blank detail specification - Electric double-layer capacitors for power application - Assessment level EZ (reaffirmation of ANSI/EIA 62391-2-1-2014)

ISA (International Society of Automation)

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

BSR/ISA 75.08.03-201x, Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (revision of ANSI/ISA 75.08.03-2001 (R2013))

BSR/ISA 75.08.04-201x, Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves (Class 4500) (revision of ANSI/ISA 75.08.04-2007 (R2013))

BSR/ISA 75.08.06-201x, Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (revision of ANSI/ISA 75.08.06-2002 (R2013))

BSR/ISA 75.08.07-201x, Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.07-2001 (R2013))

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: Lynn Barra
Phone: (202) 737-8888
E-mail: comments@standards.incits.org

INCITS 124.2-1988 [S2019], Information Systems - Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (stabilized maintenance of INCITS 124.2-1988 (R2004))

INCITS 154-1988 [S2019], Information technology - Office Machines and Supplies Alphanumeric Machine - Keyboard Arrangement (stabilized maintenance of INCITS 154-1988 (R2004))

INCITS 162-1988 [S2019], Information Systems - Two-Sided, High-Density, Unformatted, 5.25-inch (130-mm), 96-tpi (3,8 tpmm), Flexible Disk Cartridge for 13 262 ftpr Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 162 -1988 (R2004))

INCITS 213-1994 [S2019], Information Technology - 90-mm (3.54-in) Optical Disk Cartridge Rewritable and Read Only Using Discrete Block Format (DBF) Method for Digital Information Interchange (stabilized maintenance of INCITS 213-1994 (R2004))

INCITS 246-1994 [S2019], Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF) (stabilized maintenance of INCITS 246-1994 (R2004))

INCITS/ISO/IEC 5138-2:1980 [S2019], Information technology - Office Machines - Vocabulary - Part 02: Duplicators (stabilized maintenance of INCITS/ISO/IEC 5138-2-1980 (R2004))

INCITS/ISO/IEC 5138-4:1981 [S2019], Office Machines - Vocabulary - Part 04: Letter Opening Machines (stabilized maintenance of INCITS/ISO/IEC 5138-4-1981 (R2004))

INCITS/ISO/IEC 5138-5:1981 [S2019], Information technology - Office equipment - Part 05: Letter Folding Machines (stabilized maintenance of INCITS/ISO/IEC 5138-5-1981 (R2004))

INCITS/ISO/IEC 5138-9:1984 [S2019], Information technology - Office machines - Part 9: Typewriters (stabilized maintenance of INCITS/ISO/IEC 5138-9-1984 (R2004))

INCITS/ISO/IEC 9171-1:1990 [S2019], Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange - Part 1: Unrecorded Optical Disk Cartridge (stabilized maintenance of INCITS/ISO/IEC 9171-1-1990 (R2004))

INCITS/ISO/IEC 9592-1:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (stabilized maintenance of INCITS/ISO/IEC 9592-1-1997 (R2004))

INCITS/ISO/IEC 9592-2:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (stabilized maintenance of INCITS/ISO/IEC 9592-2-1997 (R2004))

INCITS/ISO/IEC 9592-3:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (stabilized maintenance of INCITS/ISO/IEC 9592-3-1997 (R2004))

INCITS/ISO/IEC 9637-1:1994 [S2019], Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1-1994 (R2004))

INCITS/ISO/IEC 9637-2:1992 [S2019], Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-2-1992 (R2004))

INCITS/ISO/IEC 12087-5:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) (stabilized maintenance of INCITS/ISO/IEC 12087-5-1998 (R2004))

INCITS/ISO/IEC 14478-1:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO (stabilized maintenance of INCITS/ISO/IEC 14478-1-1998 (R2004))

INCITS/ISO/IEC 14478-2:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component (stabilized maintenance of INCITS/ISO/IEC 14478-2 -1998 (R2004))

INCITS/ISO/IEC 14478-3:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (stabilized maintenance of INCITS/ISO/IEC 14478 -3-1998 (R2004))

INCITS/ISO/IEC 14478-4:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (stabilized maintenance of INCITS/ISO/IEC 14478-4-1998 (R2004))

INCITS/ISO/IEC 10089:1991 [S2019], Information Technology - 130 mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 10089-1991 (R2004))

INCITS/ISO/IEC 10090:1992 [S2019], Information Technology - 90 mm Optical Disk Cartridges, Rewritable and Read Only, for Data Interchange (stabilized maintenance of INCITS/ISO/IEC 10090-1992 (R2004))

INCITS/ISO/IEC 10641:1993 [S2019], Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards (stabilized maintenance of INCITS/ISO/IEC 10641-1993 (R2004))

INCITS/ISO/IEC 11072:1992 [S2019], Information technology - Computer graphics - Computer Graphics Reference Model (stabilized maintenance of INCITS/ISO/IEC 11072-1992 (R2004))

INCITS/ISO/IEC 13403:1995 [S2019], Information Technology - Information Interchange on 300 mm Optical Disk Cartridges of the Write Once, Read Multiple (WORM) Type Using the CCS Method (stabilized maintenance of INCITS/ISO/IEC 13403-1995 (R2004))

INCITS/ISO/IEC 13481:1993 [S2019], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1 Gigabyte Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13481-1993 (R2004))

INCITS/ISO/IEC 13549:1993 [S2019], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1,3 Gigabytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13549-1993 (R2004))

INCITS/ISO/IEC 13614:1995 [S2019], Information technology - Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method (stabilized maintenance of INCITS/ISO/IEC 13614-1995 (R2004))

INCITS/ISO/IEC 13963:1995 [S2019], Information technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 230 Megabytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13963-1995 (R2004))

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Contact: Aga Golriz
Phone: (301) 215-4549
E-mail: Aga.golriz@necanet.org

BSR/NECA 781-201x, Recommended Practice for Installing and Maintaining Lightning Protection Systems (new standard)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Contact: Andrea Burr
Phone: (734) 913-5794
E-mail: aburr@nsf.org

BSR/NSF 457-201x (i2r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)

BSR/NSF/CAN 61-201x (i145r1), Drinking Water System Components - Health Effects (revision and redesignation of ANSI/NSF 61-2018)

BSR/NSF/CAN 61-201x (i147r1), Drinking Water System Components - Health Effects (revision and redesignation of ANSI/NSF 61-2018)

TIA (Telecommunications Industry Association)

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

BSR/TIA J-STD-025-B-3-2013 (R201x), Lawfully Authorized Electronic Surveillance (LAES) - Addendum 3 - Support for BSID or Subnet (reaffirmation of ANSI/TIA J-STD-025-B-3-2013)

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967
Contact: Donna Haders
Phone: (440) 899-0010
E-mail: djh@wherryassoc.com

BSR B74.4-1992 (R201x), Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B74.4-1992 (R2013))

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.

ASIS (ASIS International)

Revision

ANSI/ASIS PSC.2-2019, Conformity Assessment and Auditing Management Systems for Quality of Private Security Company Operations (revision of ANSI ASIS PSC.2-2012): 5/23/2019

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI B94.21-1968 (R2019), Gear Shaper Cutters (reaffirmation of ANSI B94.21-1968 (R2014)): 5/23/2019

* ANSI/ASME B1.10M-2004 (R2019), Unified Miniature Screw Threads (reaffirmation of ANSI/ASME B1.10M-2004 (R2014)): 5/23/2019

ANSI/ASME B5.52-2003 (R2019), Power Presses - General Purpose Single Gap Type (reaffirmation of ANSI/ASME B5.52-2003 (R2014)): 5/23/2019

ANSI/ASME B5.56M-1994 (R2019), Specification and Performance Standard, Power Shears (reaffirm a national adoption ANSI/ASME B5.56M-1994 (R2014)): 5/23/2019

ANSI/ASME B5.61-2003 (R2019), Power Presses - General Purpose Single Action Straight Side Type (reaffirmation of ANSI/ASME B5.61-2003 (R2014)): 5/23/2019

ANSI/ASME B94.19-1997 (R2019), Milling Cutters and End Mills (reaffirmation of ANSI/ASME B94.19-1997 (R2014)): 5/23/2019

ANSI/ASME B94.55M-1985 (R2019), Tool Life Testing with Single-Point Turning Tools (reaffirmation of ANSI/ASME B94.55M-1985 (R2014)): 5/23/2019

ASQ (American Society for Quality)

Reaffirmation

ASQ/ANSI E4-2014 (R2019), Quality management systems for environmental information and technology programs - Requirements with guidance for use (reaffirmation of ANSI/ASQ E4:2014): 5/23/2019

CSA (CSA America Standards Inc.)

Revision

ANSI/CSA C22.2 No. 339-2019, Hand-held motor operated electric tools - Safety - Particular requirements for chain beam saws (revision of ANSI/CSA C22.2 No. 339-2018): 5/23/2019

ESTA (Entertainment Services and Technology Association)

New Standard

ANSI E1.37-7-2019, Additional Message Sets for ANSI E1.20 (RDM) - Gateway & Splitter Messages (new standard): 5/23/2019

Reaffirmation

ANSI E1.44-2014 (R2019), Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (reaffirmation of ANSI E1.44-2014): 5/23/2019

HL7 (Health Level Seven)

Reaffirmation

ANSI/HL7 V3 IS, R1-2014 (R2019), HL7 Version 3 Standard: Identification Service (IS), Release 1 (reaffirmation of ANSI/HL7 V3 IS, R1-2014): 5/23/2019

ANSI/HL7 V3 SECPRONT, R1-2014 (R2019), HL7 Version 3 Standard: Security and Privacy Ontology, Release 1 (reaffirmation of ANSI/HL7 V3 SECPRONT, R1-2014): 5/23/2019

HPS (ASC N13) (Health Physics Society)

Reaffirmation

ANSI N13.37-2014 (R2019), Environmental Dosimetry - Criteria for System Design and Implementation (reaffirmation of ANSI N13.37-2014): 5/23/2019

ANSI N13.56-2012 (R2019), Sampling and Monitoring Releases of Airborne Radioactivity in the Workplace (reaffirmation of ANSI N13.56-2012): 5/23/2019

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Revision

ANSI/IAPMO Z1088-2019, Pre-Pressurized Water Expansion Tanks (revision of ANSI/IAPMO Z1088-2013): 5/24/2019

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standard

* ANSI C78.53-2019, Electric Lamps, Performance Specifications for Direct Replacement LED (Light Emitting Diode) Lamps (new standard): 5/23/2019

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 165-08-2019, IPCablecom 1.5 Part 8: Signaling MIB (revision of ANSI/SCTE 165-8 2009): 5/23/2019

TCIA (ASC A300) (Tree Care Industry Association)

Revision

ANSI A300 Part 5-2019, Tree, Shrub and Other Woody Plant Management Standard Practices (Management of Trees and Shrubs During Site Planning, Site Development, and Construction) (revision of ANSI A300 Part 5-2012): 5/23/2019

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 10-2019, Interference Criteria for Microwave Systems (new standard): 5/23/2019

Revision

ANSI/TIA 569-E-2019, Telecommunications Pathways and Spaces (revision and redesignation of ANSI/TIA 569-D-2015): 5/23/2019

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 116-201x, Standard for Training in Forensic DNA Quantification Methods. (new standard)

Stakeholders: Forensic DNA analysis practitioners. The criminal justice system will be end users.

Project Need: This document identifies the key elements of an effective forensic DNA quantification training program that should promote highly qualified DNA analysts. This is a companion document to ASB Standard 022. Currently, no consensus standards are published on this subject.

This standard provides the requirements for a forensic DNA laboratory's training program in DNA quantification.

ANS (American Nuclear Society)

Contact: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org
555 North Kensington Avenue, La Grange Park, IL 60526-5592

New Standard

BSR/ANS 2.35-201x, Guidelines for Estimating Present and Projecting Future Socioeconomic Impacts from the Construction, Operations, and Decommissioning of Nuclear Sites (new standard)

Stakeholders: Nuclear facility owners or developers, government agencies including the Nuclear Regulatory Commission and Department of Energy, design professionals, and environmental stakeholders.

Project Need: There is a need for guidance on suitable procedures for the estimation of baseline measurements and projections of future changes to socioeconomic characteristics to the economies and communities in proximity to nuclear facility sites that comply with regulatory requirements such as 10 CFR 50, 10 CFR 51, 10 CFR 100, and 10 CFR 1021.

This standard provides civilian and government professionals with acceptable methodologies for determining and reporting potential socioeconomic impacts from constructing, operating, and decommissioning nuclear facilities including, but not limited to, LWRs, SMRs, advanced reactors, and nuclear fuel cycle facilities.

AWS (American Welding Society)

Contact: Kevin Bulger, (800) 443-9353, kbulger@aws.org
8669 Doral Blvd, Suite 130, Doral, FL 33166

Addenda

BSR/AWS C3.6M/C3.6-201x, Specification for Furnace Brazing (addenda to BSR/AWS C3.6M/C3.6-201x)

Stakeholders: Engineers, furnace brazers, quality controllers.

Project Need: Correct errors and insert pertinent content that was unintentionally omitted from the current published edition of AWS C3.6M/C3.6.

This specification provides the minimum fabrication, equipment, material, process procedure requirements, as well as inspection requirements for the furnace-brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately furnace-brazed (the furnace-brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying furnace-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class. This specification defines acceptable furnace-brazing equipment, materials, and procedures, as well as the required inspection for each class of joint.

CAPA (Certified Automotive Parts Association)

Contact: Bernadette Kronberg, (616) 656-7483, Bernadette.Kronberg@intertek.com
c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI 49512

Revision

BSR/CAPA 101-001-201x, Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (revision of ANSI/CAPA 101-001-2017)

Stakeholders: Competitive crash repair parts industry.

Project Need: To align the standard with recent changes at CAPA and to provide additional clarification on the test method.

To provide a test method that may be used to perform retention testing of primary strikers found on sheet metal hoods.

BSR/CAPA 201-001-201x, Standard Test Method for Full Part Dimensional Stability Testing of Automotive Replacement Bumper Covers (revision of ANSI/CAPA 201-001-2011 (R2016))

Stakeholders: Competitive crash repair parts industry.

Project Need: To align the standard with recent changes at CAPA and to provide additional clarification on the test method.

To provide a test method that may be used to determine the dimensional stability of an automotive replacement bumper cover when exposed to cold and heat.

ISA (International Society of Automation)

Contact: Eliana Brazda, (919) 990-9228, ebrazda@isa.org
67 Alexander Drive, Research Triangle Park, NC 27709

Revision

BSR/ISA 75.08.03-201x, Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (revision of ANSI/ISA 75.08.03-2001 (R2013))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping designs.

This standard applies to socket weld-end globe-style control valves, sizes 1/2 inch (15 mm) through 4 inches (100 mm), and screwed-end globe-style control valves, sizes 1/2 inch (15 mm) through 2-1/2 inches (65 mm), having top, top and bottom, port, or cage guiding.

BSR/ISA 75.08.04-201x, Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves (Class 4500) (revision of ANSI/ISA 75.08.04-2007 (R2013))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping designs.

This standard applies to buttweld-end globe-style control valves, sizes 1/2 inch (15 mm) through 8 inches (200 mm), having top and cage guiding.

BSR/ISA 75.08.06-201x, Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (revision of ANSI/ISA 75.08.06-2002 (R2013))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping design.

This standard applies to flanged globe-style control valves, sizes 15 mm (1/2 inch) through 450 mm (18 inches), having top, top and bottom, port, or cage guiding.

BSR/ISA 75.08.07-201x, Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.07-2001 (R2013))

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To aid users in their piping design.

This standard applies to separable flanged globe-style control valves, sizes 1 inch through 4 inches.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Rebecca Yaletchko, (484) 252-2330, ryaletchko@scte.org
140 Philips Road, Exton, PA 19341-1318

Revision

BSR/SCTE 104-201x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2018)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

UL (Underwriters Laboratories, Inc.)

Contact: Elizabeth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com
333 Pfingsten Road, Northbrook, IL 60062

New Standard

BSR/UL 62841-4-4-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-4: Particular Requirements for Lawn Trimmers, Lawn Edge Trimmers, Grass Trimmers, Brush Cutters and Brush Saws (new standard)

Stakeholders: Consumers; retailers; landscape service providers; manufacturers of lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters, and brush saws.

Project Need: The current U.S. (ANS) requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters, and brush saws are transitioning to international (IEC) requirements, which are more aligned to address innovative technology employed in modern versions of these products.

This clause of Part 1 is applicable, except as follows: Addition: This part of IEC 62841 applies to walk-behind trimmers and hand-held trimmers used by a standing operator for cutting grass, weeds or similar soft vegetation, and grass trimmers, brush cutters and brush saws used by a standing operator for cutting grass, weeds, brush, bushes, saplings, and similar vegetation. This standard does not apply to:
– self-propelled lawn trimmers or lawn edge trimmers;
– scissors type lawn trimmers and lawn edge trimmers;
– machines equipped with metallic cutting accessories consisting of more than one piece, e.g., pivoting chains or flail blades; and
– edgers with rigid and/or metallic cutting means.
NOTE 101: Edgers with rigid or metal cutting accessories will be covered by a future part of IEC 62841-4. Brush cutters and brush saws covered by this standard are designed only to be operated with the machine to the right of the operator.

UL (Underwriters Laboratories, Inc.)

Contact: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com
333 Pfingsten Road, Northbrook, IL 60062-2096

New Standard

BSR/UL 7103-201x, Standard for Safety for Building-Integrated Photovoltaic Roof Coverings (new standard)

Stakeholders: Photovoltaic industry, roofing industry, producers, installers, architects, and certification bodies.

Project Need: There is currently strong market interest in solar products that also function as roofing. Many manufacturers have something similar now or in development. It is critical that there be clear and early guidance to ensure that these roof coverings are evaluated to ensure their safety. In addition, there is a proposal to revise the International Building Code (IBC) and the International Residential Code (IRC) to include a requirement for UL 7103. Revisions will also be proposed to reference UL 7103 in the National Electrical Code (NEC), NFPA 70.

Building-integrated photovoltaic (BIPV) roof coverings for use as a component of a steep slope roof assembly. These products are intended to be installed in accordance with the National Electrical Code, NFPA 70, and either the International Building Code or the International Residential Code, and the installation instructions. This covers BIPV roof coverings for use in photovoltaic systems with a maximum system voltage of 1500 V or less. They are applicable to BIPV roof coverings intended for installation on either combustible or noncombustible roof decks when the roof coverings are applied as intended. Tests conducted in accordance with these requirements are intended to demonstrate the performance of roof coverings during the types and periods of fire exposure involved but are not intended to determine the acceptability of BIPV roof coverings for use after exposure to fire. Resistance to water infiltration to the interior attic space. BIPV roof coverings are not expected to withstand the wind forces of tornados, cyclones, or hurricanes. These requirements provide data regarding the securement of the roofing system to the roof deck based upon a short-term static load. These requirements also cover components intended to provide electrical connection to and mounting means for photovoltaic modules and panels intended for installation integral with buildings as a roof covering material, and other ancillary equipment.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories, Inc.)**

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
Phone: (719) 453-1036
Web: www.aafs.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526-5592
Phone: (708) 579-8269
Web: www.ans.org

API
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8151
Web: www.api.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASIS
ASIS International
1625 Prince Street
Alexandria, VA 22314-2818
Phone: (703) 518-1439
Web: www.asisonline.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

ASQ
American Society for Quality
600 N Plankinton Ave
Milwaukee, WI 53203
Phone: (800) 248-1946
Web: www.asq.org

AWI
Architectural Woodwork Institute
46179 Westlake Drive, Ste 120
Potomac Falls, VA 20165
Phone: (571) 323-3636
Web: www.awinet.org

AWS
American Welding Society
8669 Doral Blvd
Suite 130
Doral, FL 33166
Phone: (800) 443-9353
Web: www.aws.org

CAPA
Certified Automotive Parts Association
c/o Intertek
4700 Broadmoor SE, Suite 200
Kentwood, MI 49512
Phone: (616) 656-7483
Web: www.CAPAcertified.org

CSA
CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
Phone: (216) 524-4990
Web: www.csagroup.org

ECIA
Electronic Components Industry Association
13873 Park Center Road
Suite 315
Herndon, VA 20171
Phone: (571) 323-0294
Web: www.ecianow.org

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Web: www.esta.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Web: www.hps.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Web: www.asse-plumbing.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761
Phone: (909) 230-5534
Web: www.iapmort.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Web: www.isa.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Web: www.indtrk.org

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

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 N 17th St
Rosslyn, VA 22209
Phone: (703) 841-3262
Web: www.nema.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 913-5794
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Road
Exton, PA 19341-1318
Phone: (484) 252-2330
Web: www.scte.org

SPRI
Single Ply Roofing Industry
465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026
Web: www.spri.org

TCIA (ASC A300)
Tree Care Industry Association
136 Harvey Rd # 101
Londonderry, NH 03053
Phone: (603) 314-5380
Web: www.treecareindustry.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Web: www.tiaonline.org

UAMA (ASC B74)
Unified Abrasives Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Web: www.uama.org

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

IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to 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 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

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an 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.

22H/245/CD, IEC 62040-3 ED3: Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements, 2019/8/16

23K/46/CD, IEC 62991 ED1: Particular requirements for Source-Switching Equipment (SSE), 2019/8/16

48B/2738/CD, IEC 63171 ED1: Connectors for Electrical and Electronic Equipment - Shielded or unshielded free and fixed connectors for balanced single-pair data transmission with current carrying capacity; General requirements and tests, 2019/8/16

59F/376/CDV, IEC 62885-7 ED1: Surface cleaning appliances - Part 7: Dry-cleaning robots for household use - Methods of measuring performance, 2019/8/16

62A/1320/CDV, IEC 60601-1/AMD2 ED3: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, 2019/8/16

62A/1321/CDV, IEC 60601-1-2/AMD1 ED4: Amendment 1 - Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests, 2019/8/16

62A/1324/CDV, IEC 60601-1-6/AMD2 ED3: Amendment 2 - Medical electrical equipment - Part 1-6: General requirements for basic safety and essential performance - Collateral standard: Usability, 2019/8/16

62A/1325/CDV, IEC 60601-1-8/AMD2 ED2: Amendment 2 - Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems, 2019/8/16

62A/1326/CDV, IEC 60601-1-9/AMD2 ED1: Medical electrical equipment - Part 1-9: General requirements for basic safety and essential performance - Collateral Standard: Requirements for environmentally conscious design, 2019/8/16

62A/1327/CDV, IEC 60601-1-10/AMD2 ED1: Amendment 2 - Medical electrical equipment - Part 1-10: General requirements for basic safety and essential performance - Collateral Standard: Requirements for the development of physiologic closed-loop controllers, 2019/8/16

62A/1328/CDV, IEC 60601-1-11/AMD1 ED2: Amendment 1 - Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment, 2019/8/16

62A/1329/CDV, IEC 60601-1-12/AMD1 ED1: Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment, 2019/8/16

62D/1690/CDV, ISO 81060-2/AMD1 ED3: Non-invasive sphygmomanometers - Part 2: Clinical investigation of intermittent automated measurement type, 2019/8/16

65C/966/CD, IEC 62439-2 ED3: Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP), 2019/7/19

86C/1603/CD, IEC 62614-1 ED1: Fibre optics - Multimode Launch condition - Part 1: Launch condition requirements for measuring multimode attenuation, 2019/8/16

86A/1942/CD, IEC TR 62959 ED1: Optical fibre cables - Shrinkage effects on cable and cable element end termination - Guidance, 2019/8/16

86A/1944/CD, IEC 60793-1-34 ED3: Optical fibres - Part 1-34: Measurement methods and test procedures - Fibre curl, 2019/8/16

1/2401/FDIS, IEC 60050-447 ED2: International Electrotechnical Vocabulary (IEV) - Part 447: Measuring relays and protection equipment, 019/7/5/

59/707/NP, PNW 59-707: Household and similar electrical air cleaning appliances - Measurement of performance - Part 2-X: Particular requirements for fresh-air air cleaners, 2019/7/19

88/724/CD, IEC 61400-40 ED1: Wind energy generation systems - Part 40: Electromagnetic Compatibility (EMC) - Requirements and test methods, 2019/7/19

9/2513/FDIS, IEC 62912-2 ED1: Railway applications - Direct current signalling monostable relays - Part 2: Spring type relays, 019/7/5/

104/839/DTR, IEC TR 62131-7 ED1: Environmental conditions - Vibration and shock of electrotechnical equipment - Part 7: Transportation by rotary wing aircraft, 2019/7/19

119/271/FDIS, IEC 62899-502-2 ED1: Printed Electronics - Part 502-2: Mechanical and environmental combined stress test methods for flexible OLED elements, 019/7/5/

18/1673/FDIS, IEC 60092-201 ED5: Electrical installations in ships - Part 201: System design - General, 019/7/5/

31/1479/CD, IEC 62990-3 ED1: Workplace atmospheres - Part 3: Gas detectors - Electrical apparatus for the detection and measurement of oxygen - Performance requirements and test methods, 2019/8/16

40/2677/CD, IEC 60384-13 ED5: Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors, 2019/8/16

47/2562/CDV, IEC 60749-30 ED2: Semiconductor devices - Mechanical and climatic test methods - Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing, 2019/8/16

47/2563/CDV, IEC 60749-20 ED3: Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat, 2019/8/16

51/1297/CD, IEC 63182-1 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification, 2019/8/16

55/1767/CDV, IEC 60317-71/AMD1 ED1: Amendment 1: Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound fused and resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180, 2019/8/16

55/1768/CDV, IEC 60317-72/AMD1 ED1: Amendment 1: Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound fused, silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200, 2019/8/16

55/1781/FDIS, IEC 60851-3/AMD2 ED3: Winding wires - Test methods - Part 3: Mechanical properties, 019/7/5/

55/1782/FDIS, IEC 60317-0-1/AMD1 ED4: Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire, 019/7/5/

55/1783/FDIS, IEC 60317-0-3/AMD2 ED3: Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire, 019/7/5/

55/1784/FDIS, IEC 60317-0-8 ED2: Specifications for particular types of winding wires - Part 0-8: General requirements - Polyester glass-fibre wound unvarnished and fused, or resin or varnish impregnated, bare or enamelled rectangular copper wire, 019/7/5/

55/1785/FDIS, IEC 60317-2 ED5: Specifications for particular types of winding wires - Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer, 019/7/5/

57/2089/CDV, IEC 61970-301 ED7: Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base, 2019/8/16

82/1590/FDIS, IEC 60904-7 ED4: Photovoltaic devices - Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices, 019/7/5/

91/1581/NP, PNW 91-1581 ED1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-301: Test methods for printed board assemblies - Soldering paste using fine solder powders, 2019/8/16

91/1583/DTR, IEC TR 61191-7 ED1: Printed board assemblies - Part 7: Technical cleanliness of components and printed board assemblies, 2019/7/19

Newly Published ISO & IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 9167:2019, Rapeseed and rapeseed meals - Determination of glucosinolates content - Method using high-performance liquid chromatography, $162.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 14621-2:2019, Space systems - Electrical, electronic and electromechanical (EEE) parts - Part 2: Control programme requirements, $68.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC 80601-2-26:2019, $235.00

CLEANROOMS AND ASSOCIATED CONTROLLED ENVIRONMENTS (TC 209)

ISO 14644-16:2019, Cleanrooms and associated controlled environments - Part 16: Energy efficiency in cleanrooms and separative devices, $185.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 28927-8/Amd2:2019, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 2: Oscillating knives (vibrating screen removal tools), $19.00

DENTISTRY (TC 106)

ISO 4049:2019, Dentistry - Polymer-based restorative materials, $162.00

FIRE SAFETY (TC 92)

ISO 834-13:2019, Fire-resistance tests - Elements of building construction - Part 13: Requirements for the testing and assessment of applied fire protection to steel beams with web openings, $162.00

ISO 834-14:2019, Fire-resistance tests - Elements of building construction - Part 14: Requirements for the testing and assessment of applied fire protection to solid steel bar, $138.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19150-4:2019, Geographic information - Ontology - Part 4: Service ontology, $209.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14243-5:2019, Implants for surgery - Wear of total knee prostheses - Part 5: Durability performance of the patellofemoral joint, $103.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-21:2019, Industrial trucks - Verification of stability - Part 21: Order-picking trucks with operator position elevating above 1 200 mm, $68.00

MACHINE TOOLS (TC 39)

ISO 6779:2019, Test conditions for vertical internal type broaching machines - Testing of accuracy, $138.00

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

ISO 10418:2019, Petroleum and natural gas industries - Offshore production installations - Process safety systems, $103.00

MINING (TC 82)

ISO 19434/Amd1:2019, Mining - Classification of mine accidents - Amendment 1, $19.00

NUCLEAR ENERGY (TC 85)

ISO 20785-4:2019, Dosimetry for exposures to cosmic radiation in civilian aircraft - Part 4: Validation of codes, $68.00

OTHER

ISO/CIE 17166:2019, Erythema reference action spectrum and standard erythema dose, $45.00

PLASTICS (TC 61)

ISO 4574:2019, Plastics - PVC resins for general use - Determination of hot plasticizer absorption, $68.00

ISO 21475:2019, Plastics - Methods of exposure to determine the wavelength dependent degradation using spectrally dispersed radiation, $103.00

ISO 21760-1:2019, Adhesives for organic electronic devices - Determination of water vapour transmission rate - Part 1: Adhesive film preparation methods, $68.00

ISO 21760-2:2019, Adhesives for organic electronic devices - Determination of water vapour transmission rate - Part 2: Edge seal methods, $45.00

REFRIGERATION (TC 86)

ISO 22041:2019, Refrigerated storage cabinets and counters for professional use - Performance and energy consumption, $162.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1419:2019, Rubber- or plastics-coated fabrics - Accelerated-ageing tests, $45.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 11711-1:2019, Ships and marine technology - Aquatic nuisance species - Part 1: Ballast water discharge sample port, $68.00

SOLAR ENERGY (TC 180)

ISO 22975-5:2019, Solar energy - Collector components and materials - Part 5: Insulation material durability and performance, $185.00

STEEL (TC 17)

ISO 5000:2019, Steel sheet, aluminium-silicon alloy-coated by the continuous hot-dip process, of commercial and drawing qualities, $103.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 11952:2019, Surface chemical analysis - Scanning-probe microscopy - Determination of geometric quantities using SPM: Calibration of measuring systems, $209.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO 37159:2019, Smart community infrastructures - Smart transportation for rapid transit in and between large city zones and their surrounding areas, $68.00

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

IEC/IEEE 82079-1:2019, Preparation of information for use (instructions for use) of products - Part 1: Principles and general requirements, $285.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 12620:2019, Management of terminology resources - Data category specifications, $103.00

WATER RE-USE (TC 282)

ISO 21939-1:2019, A method to calculate and express energy consumption of industrial wastewater treatment for the purpose of water reuse - Part 1: Biological processes, $68.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 15620:2019, Welding - Friction welding of metallic materials, $185.00

ISO Technical Reports

COLLABORATIVE BUSINESS RELATIONSHIP MANAGEMENT -- FRAMEWORK (TC 286)

ISO/TR 44000:2019, Principles for successful collaborative business relationship management, $45.00

FIRE SAFETY (TC 92)

ISO/TR 17252:2019, Fire tests - Applicability of reaction to fire tests to fire modelling and fire safety engineering, $162.00

NANOTECHNOLOGIES (TC 229)

ISO/TR 22019:2019, Nanotechnologies - Considerations for performing toxicokinetic studies with nanomaterials, $209.00

ISO Technical Specifications

FINE BUBBLE TECHNOLOGY (TC 281)

ISO/TS 23016-1:2019, Fine bubble technology - Agricultural applications - Part 1: Test method for evaluating the growth promotion of hydroponically grown lettuce, $68.00

ROAD VEHICLES (TC 22)

ISO/TS 13499:2019, Road vehicles - Multimedia data exchange format for impact tests, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 30106-1/Amd1:2019, Information technology - Object oriented BioAPI - Part 1: Architecture - Amendment 1: Additional specifications and conformance statements, $19.00

ISO/IEC 21228:2019, Information technology - Telecommunications and information exchange between systems - Coexistence mechanism for broadband powerline communication technologies, $45.00

ISO/IEC 26560:2019, Software and systems engineering - Tools and methods for product line product management, $185.00

ISO/IEC 29109-5:2019, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data, $138.00

ISO/IEC 30071-1:2019, Information technology - Development of user interface accessibility - Part 1: Code of practice for creating accessible ICT products and services, $185.00

ISO/IEC 19823-21:2019, Information technology - Conformance test methods for security service crypto suites - Part 21: Crypto suite SIMON, $138.00

ISO/IEC 19823-22:2019, Information technology - Conformance test methods for security service crypto suites - Part 22: Crypto suite SPECK, $138.00

IEC Standards

ELECTRICAL ACCESSORIES (TC 23)

IEC 62613-1 Ed. 2.0 en:2019, Plugs, socket-outlets and ship couplers for high-voltage shore connection (HVSC) systems - Part 1: General requirements, $317.00

FIBRE OPTICS (TC 86)

IEC 61753-1 Ed. 2.0 b cor.1:2019, Corrigendum 1 - Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance, $0.00

IEC 61291-5-2 Ed. 2.0 en cor.1:2019, Corrigendum 1 - Optical amplifiers - Part 5-2: Qualification specifications - Reliability qualification for optical fibre amplifiers, $0.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC 60350-2 Ed. 2.0 b:2017, Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance, $352.00

IEC 60704-3 Ed. 3.0 b:2019, Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values, $164.00

S+ IEC 60704-3 Ed. 3.0 en:2019 (Redline version), Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values, $213.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 62271-107 Ed. 3.0 b:2019, High-voltage switchgear and controlgear - Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV, $317.00

S+ IEC 62271-107 Ed. 3.0 en:2019 (Redline version), High-voltage switchgear and controlgear - Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV, $412.00

WINDING WIRES (TC 55)

IEC 60851-2 Amd.2 Ed. 3.0 b:2019, Amendment 2 - Winding wires - Test methods - Part 2: Determination of dimensions, $12.00

IEC 60851-2 Ed. 3.2 b:2019, Winding wires - Test methods - Part 2: Determination of dimensions, $94.00

IEC Technical Reports

SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)

IEC/TR 63201 Ed. 1.0 en:2019, Low-voltage switchgear and controlgear - Guidance for the development of embedded software, $199.00

IEC Technical Specifications

ALARM SYSTEMS (TC 79)

IEC/TS 60839-7-8 Ed. 1.0 en:2019, Alarm systems - Part 7-8: Message formats and protocols for serial data interfaces in alarm transmission systems - Requirements for common protocol for alarm transmission using the Internet protocol, $317.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 62257-7-4 Ed. 1.0 en:2019, Recommendations for renewable energy and hybrid systems for rural electrification - Part 7-4: Generators - Integration of solar with other forms of power generation within hybrid power systems, $82.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

BDAP

Public Review: March 29, 2019 to June 29, 2019

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 298 – Rare Earth

ANSI has been informed that CSA Group, the ANSI-accredited U.S. TAG Administrator for ISO/TC 298 wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 298 operates under the following scope:

> Standardization in the field of rare earth mining, concentration, extraction, separation and conversion to useful rare earth compounds/materials (including oxides, salts, metals, master alloys, etc.) which are key inputs to manufacturing and further production process in a safe and environmentally sustainable manner.

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

ISO New Work Item Proposal

Design and Safety Requirements for Sex Toys

Comment Deadline: June 28, 2019

SIS, the ISO member body for Sweden, has submitted to ISO a new work item proposal for the development of an ISO standard on design and safety requirements for sex toys, with the following scope statement:

> This document specifies safety and user information requirements relating to the materials and design for products intended for sexual use.
>
> This document covers only products that are intended to come in direct contact with genitals and/or the anus.
>
> This document is not primarily intended for products classified as medical devices or assistive products.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

ISO Proposal for a New Field of ISO Technical Activity

Audit Data Services

Comment Deadline: June 28, 2019

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on audit data services, with the following scope statement:

Standardization in the field of audit data services covers the content specification as well as the collection, pre-processing, management and analysis techniques for the identification, communication, receipt, preparation and use of audit data.

Note:

1. Audit: an official examination of an entity's financial and financial related records in order to check that they are correct. (Source: Longman Dictionary of Contemporary English 4th Edition, modified company has been replaced by entity to cover government auditees and financial related records has been added.)

2. The audit data includes data of different areas including public sector budget, financial report, nonfinancial enterprises, tax and social insurance, for the purpose of government audit, external independent audit, internal audit and other regulators.

Excluded:

1. Information system security audit covered by ISO/IEC/JTC 1.

2. Security evaluation criteria and methodology, techniques and guidelines to address both security and privacy aspects covered by ISO/IEC/JTC 1/SC 27.

3. Meta-data standards, E-business standards, database language standards covered by ISO/IEC/JTC 1/SC 32.

4. Meta-standards of electronic data interchange covered by ISO/TC 154.

5. Quality management and quality assurance covered by ISO/TC 176.

Please note that this proposal is to convert ISO Project Committee 295 on audit data services into a technical committee with an extended work program.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

Human Phenome

Comment Deadline: May 31, 2019

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Human Phenome, with the following scope statement:

Standardization in the field of human phenome.

Note. Human phenome is defined at the complete set of all human characteristics. It is determined by the interaction between genes and environment. It includes many characteristics ranging from macro- to micro-scales, from external appearance to internal functions, from biochemical characteristics to psychological behavior, etc.

Excluded: the fields covered by ISO/TC276 (Biotechnology), ISO/TC215 (Health Information), ISO/IEC JTC1/SC37 (Biometrics), ISO/IEC JTC 1/SC 29 (Coding of audio, picture, multimedia and hypermedia information) and ISO/TC249 (Traditional Chinese Medicine).

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, May 31, 2019.

Laboratory design

Comment Deadline: June 28, 2019

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Laboratory design, with the following scope statement:

Standardization in the field of laboratory design including site selection and design planning, the functional division of experimental areas, the determination of scientific and technological processes, layouts and design of furniture, and the scientific design of the facility taking into account environmental conditions and impact.

Excluded:

- IEC/TC 64 (Electrical installations and protection against electric shock);

- IEC/TC 81 (Lightning protection);

- IEC/TC 66 (Safety of measuring, control and laboratory equipment);

- IEC/TC 85 (Measuring equipment for electrical and electromagnetic quantities).

Sustainable processes for wood

Comment Deadline: June 28, 2019

ABNT, the ISO member body for Brazil, has submitted to ISO a proposal for a new field of ISO technical activity on Sustainable processes for wood, with the following scope statement:

Standardization in the field of the wood and wood-based industries, including but not limited to sustainability and renewability aspects, chain of custody, timber tracking and timber measurement, across the entire supply chain from biomass production to the finished wood and wood-based products.

Excluded: those applications covered by ISO/TC 6 "Paper, board and pulps"; ISO/TC 89 "Wood-based panels"; ISO/TC 165 "Timber structures"; ISO/TC 218 "Timber"; and ISO/TC 207 "Environmental management".

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 28.

New Secretariats

ISO/TC 301– Energy management and energy savings

Comment Deadline: May 31, 2019

Georgia Tech Energy & Sustainability Services (GTESS) has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 301 secretariat to GTESS. The secretariat was previously held by ANSI and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 301 operates under the following scope:

> Standardization in the field of energy management and energy savings.

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

U.S. Technical Advisory Groups

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 292, Security and Resilience

Comment Deadline: July 1, 2019

The U.S. Technical Advisory Group (TAG) to ISO TC 292, Security and resilience, has voted to approve the transfer of TAG Administrator responsibilities from ASIS International to NASPO International. The TAG will continue to operate under its currently accredited Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities, as contained in Annex A of the ANSI International Procedures. Please submit any comments on this action by July 1, 2019 to: Mr. Michael O'Neil, President, NASPO International, 1300 I Street NW, Suite 400, Washington, DC 20005 (please copy jthompso@ansi.org). If no public comments are received, this action will be formally approved, effective July 1, 2019.

Meeting Notices

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

Meeting Date: Monday, September 23, 2019- 8:00 AM – 4:00 PM CST

Meeting Location: Peppermill Reno, 2707 S. Virginia St., Reno, Nevada 89502--(Teleconference information available upon request)

Purpose: This is the annual ANSI B109 meeting. Updates will be given for each of the B109 standards.

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

Information Concerning

American National Standards

Continued Stabilized Maintenance Option

On May 22, 2019, the INCITS Executive Board completed their approval for the 10-year stabilized maintenance action for the standards listed below via ballot LB6578. It has been determined in connection with this approval that these standards that were stabilized in 2009 shall continue to be maintained under the stabilized maintenance option in accordance with the ANSI Essential Requirements, Section 4.7.3.

Standard Designation	Title
INCITS 124.2-1988 [S2019]	Information Systems Computer Graphics - Graphical Kernel System (GKS) Pascal Binding
INCITS 154-1988 [S2019]	Office Machines and Supplies - Alphanumeric Machines - Keyboard Arrangement
INCITS 162-1988 [S2019]	Information Systems - Two-Sided, High Density, Unformatted, 5.25 in, 96-tpi, Flexible Disk Cartridge for 13 262 BPR Use - General, Physical and Magnetic Requirements
INCITS 213-1994 [S2019]	Information Technology - 90-mm (3.54-in) Optical Disk Cartridge Rewritable and Read Only Using Discrete Block Format (DBF) Method for Digital Information Interchange
INCITS 246-1994 [S2019]	Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF)
INCITS/ISO/IEC 5138-2:1980 [S2019]	Office Machines - Vocabulary - Part 02: Duplicators
INCITS/ISO/IEC 5138-3:1981 [S2019]	Office Machines - Vocabulary - Part 03: Addressing Machines
INCITS/ISO/IEC 5138-4:1981 [S2019]	Office Machines - Vocabulary - Part 04: Letter Opening Machines
INCITS/ISO/IEC 5138-5:1981 [S2019]	Office Machines - Vocabulary - Part 05: Letter Folding Machines
INCITS/ISO/IEC 5138-9:1984 [S2019]	Office Machines - Vocabulary - Part 9: Typewriters
INCITS/ISO/IEC 9171-1:1990 [S2019]	Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange -- Part 1: Unrecorded Optical Disk Cartridge
INCITS/ISO/IEC 9592-1:1997 [S2019]	Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (2nd Edition)
INCITS/ISO/IEC 9592-2:1997 [S2019]	Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (2nd Edition)
INCITS/ISO/IEC 9592-3:1997 [S2019]	Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File
INCITS/ISO/IEC 9593-3:1990/AM 1:1994 [S2019]	Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1

INCITS/ISO/IEC 9593-4:1991/AM 1:1994 [S2019]	Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1
INCITS/ISO/IEC 9637-1:1994 [S2019]	Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Data stream binding - Part 1: Character encoding
INCITS/ISO/IEC 9637-2:1992 [S2019]	Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Data stream binding - Part 2: Binary encoding
INCITS/ISO/IEC 10641:1993 [S2019]	Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards
INCITS/ISO/IEC 11072:1992 [S2019]	Information Technology - Computer Graphics - Computer Graphics Reference Model (CGRM)
INCITS/ISO/IEC 10089:1992 [S2019]	Information Technology - 130 mm Rewritable Optical Disk Cartridge for Information Interchange
INCITS/ISO/IEC 10090:1992 [S2019	Information Technology - 90 mm Optical Disk Cartridges, Rewritable and Read Only, for Data Interchange
INCITS/ISO/IEC 12087-5:1998 [S2019]	Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF)
INCITS/ISO/IEC 13403:1995 [S2019]	Information Technology - Information Interchange on 300 mm Optical Disk Cartridges of the Write Once, Read Multiple (WORM) Type Using the CCS Method
INCITS/ISO/IEC 13481:1993 [S2019]	Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1 Gigabyte Per Cartridge
INCITS/ISO/IEC 13549:1993 [S2019]	Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1,3 Gigabytes Per Cartridge
INCITS/ISO/IEC 13614:1995 [S2019]	Information technology - Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method
INCITS/ISO/IEC 13963:1995 [S2019]	Information Technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 230 Megabytes Per Cartridge
INCITS/ISO/IEC 14478-1:1998 [S2019]	Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO
INCITS/ISO/IEC 14478-2:1998 [S2019]	Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component
INCITS/ISO/IEC 14478-3:1998 [S2019]	Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services
INCITS/ISO/IEC 14478-4:1998 [S2019]	Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component

Information Concerning

International Electrotechnical Commission (IEC)

USNC Participants and TAG Administrators Needed

IEC Approves two (2) new Committees:

1) **IEC TC 125: *Personal e-Transporters (PeTs)***

Scope:
Standardization for use on the road or in the public space of electrically powered transport devices (i.e. no human (propulsion) power input) and where the speed control and/or the steering control is electrical/electronical.

This means, standardization in the field of personal e-Transporters, including :
- *Safety and reliability (both electrical and functional)*
- *Protection against hazards (fire and explosion hazards, water ingress, …)*
- *Maintenance*
- *Docking stations for public use*
- *Recharging*
- *Recycling*

Exclusions :
Standardization of electrical bicycles, motorbikes, mopeds and cars are excluded from the scope because they are handled by other TC's :
- *IEC TC 69*
- *ISO TC 149*
- *ISO TC 22*

Standardization of PeTs for home use are excluded because they are handled by IEC TC 59 and TC 61.

2) IEC PC 126: *Binary Power Generation Systems*

Scope:
Define the normalized conditions that can estimate the power generation efficiency of the binary power generation system.

It includes heat source conditions (temperature, flow rate), cooling conditions (temperature, flow rate). It will be applied less than 100 kW in capacity, using hot water created by renewable energy or wasted heat in the industrial field

The US National Committee agrees with the scope for the two (2) new IEC Committees and wishes to register as a Participating Member. If the USNC is to become a P-Member, a Technical Advisory Group (TAG) will need to be established and a TAG Administrator will need to be assigned. If any organizations are interested in the position of TAG Administrator, or if any individuals would like to join this TAG, they are invited to contact Tony Zertuche, USNC General Secretary, as soon as possible using the contact information provided below.

Tony Zertuche
Tel: 212 642 4892
Fax: 212 730 1346
E-Mail: tzertuche@ansi.org

Tracking number 61i145r1
Revision to NSF/ANSI/CAN 61-2018

Issue 145 Revision 1 (May 2019)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

3 General requirements

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3.4 Products manufactured from Annex C acceptable materials

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Table 3.1
Material-specific analyses

Material type	Required analyses
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[1] See Annex B, Section B.7

[2] Antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, selenium, thallium. Chromium shall be evaluated against the pass/fail criteria of chromium VI as a screening level. If the normalized result exceeds this criteria, the sample shall be tested according to the method described in Section B.7.3 and shall be evaluated against the pass/fail criteria listed in Table 4.1 of NSF/ANSI/CAN 600 (previously Table D.1) for the tested product. Regardless of chromium species, the total chromium pass/fail criteria shall not be exceeded.

[3] *tert*-Butyl alcohol analysis is required for PEX materials except those crosslinked via e-beam methodology.

[4] The analysis for tin is required when tin-based stabilizers are used.

[5] The analysis for antimony is required when antimony-based stabilizers are used.

[6] The level of RVCM within the walls of PVC or CPVC products and materials shall be directly determined (Annex B, Section B.7).

[7] The analysis for phthalates is required when phthalate ester plasticizers are used. Analysis shall be for the specific phthalate ester(s) used in the formulation.

[8] The analysis for zinc is required when zinc-based stablilizers are used.

[9] Analysis shall be performed using liquid chromatography with ultraviolet detection (LC/UV).

[10] Analysis shall be performed for the specific solvent and reactive diluent additives used in the individual product formulation, such as benzyl alcohol.

Table 3.1
Material-specific analyses

Material type	Required analyses
[11] Analysis shall be performed for residual concentrations of the specific ester monomers used in the individual product formulation. [12] Glycol and ethanolamine analyses shall be performed on cements containing these compounds as grinding aids. [13] Analysis for n-nitrosodimethylamine, n-nitrosomethylethylamine, n-nitrosodiethylamine, n-nitrosodi-n-propylamine, n-nitrosopyrrolidine, n-nitrosomorpholine, n-nitrosopiperidine, n-nitrosodi-n-butylamine and n-nitrosodiphenylamine are required when material is sulfur cured. ~~Analysis shall be in accordance with US EPA Method 521 (US EPA-600/R-05/054).~~ [14] Aluminum, antimony, arsenic, barium, beryllium, bismuth, cadmium, cerium, cobalt, chromium, cesium, copper, dysprosium, erbium, europium, gallium, gadolinium, germanium, hafnium, indium, lanthanum, lead, lithium, lutetium, manganese, mercury, molybdenum, niobium, neodymium, nickel, palladium, praseodymium, platinum, rubidium, rhenium, rhodium, ruthenium, samarium, selenium, silver, strontium, tantalum, tellurium, thallium, tin, titanium, tungsten, uranium, vanadium, tungsten, ytterbium, zinc, zirconium. Chromium shall be evaluated against the pass/fail criteria of chromium VI as a screening level. If the normalized result exceeds this criteria, the sample shall be tested according to the method described in Section B.7.3 and shall be evaluated against the pass/fail criteria listed in Table 4.1 of NSF/ANSI/CAN 600 (previously Table D.1) for the tested product. Regardless of chromium species, the total chromium pass/fail criteria shall not be exceeded. [15] The testing may be waived for a specific analyte, where formulation information indicates that it is not present. [16] Concrete aggregate sampling is required only if the method for testing for individual concrete components is used. Aggregate sampling is not required if concrete cylinders are tested for the constituents in Portland and hydraulic cements.	

Rationale: Removing footnote of specific reference to EPA Method 521 to enable testing of N-nitrosodiphenylamine under EPA Method 625 per 2018 DWA-SC JC meeting discussion (November 29, 2018).

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B.7.4.3 Polynuclear aromatic hydrocarbon (PNA) analysis

Analysis for polynuclear aromatic hydrocarbons (PNAs) shall be in accordance with EPA Method 525.2 (USEPA-600/4-79-020, *Methods for the Chemical Analysis of Water and Wastes*, March 1983).

B.7.4.4 Phenol and minimally substituted phenols

Analysis for phenol and minimally substituted phenols shall be in accordance with EPA Method 420.2 (USEPA-600/4-79-020, *Methods for the Chemical Analysis of Water and Wastes*, March 1983). Analysis for maximally substituted phenols shall be performed by GC/MS base/acid scan (see Annex B, section B.7.4.2).

B.7.4.5 Nitrosamine analysis

Analysis for N-Nitrosodimethylamine, N-Nitrosomethylethylamine, N-Nitrosodiethylamine, N-Nitrosodi-n-propylamine, N-Nitrosopyrrolidine, N-Nitrosomorpholine, N-Nitrosopiperidine, and N-Nitrosodi-n-butylamine shall be in accordance with USEPA Method 521 (USEPA-600/R-05/054) or an alternate validated method with equivalent sensitivity.

Analysis for N-Nitrosodiphenylamine shall be performed in accordance with USEPA Method 521 (USEPA-600/R-05/054 or in accordance with USEPA Method 625 (USEPA-600/4-84-053. *Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater*, June 1984**Error! Bookmark not defined.**) as described in B.7.4.2.1.

Rationale: Language added to specify methods for nitrosamine analysis per 2018 DWA-SC JC meeting discussion (November 29, 2018).

Tracking number 61i147r1
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Revision to NSF/ANSI/CAN 61-2018
Issue 147 Revision 1 (May 2019)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI/CAN Standard for Drinking Water Additives –

Drinking Water System Components – Health Effects

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3.4 Products manufactured from Annex C acceptable materials

Products manufactured entirely from Annex C materials shall not be required to undergo extraction testing for material-specific analytes of interest. However, extraction testing for contaminants contributed by processes specific to a production site shall be considered formulation-dependent analytes. Annex C contains the evaluation requirements for qualification as an acceptable material.

Table 3.1
Material-specific analyses

Material type	Required analyses
. . .	
plastic materials	
. . .	
polypropylene (PP)	VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1]
polystyrene	styrene, GC/MS[1], VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1]
polysulphone including poly[phenylene sulphone] (PPSU)	sulphone monomer, VOCs, regulated metals[2], phenolics (by GC/MS base/acid scan)[1]
. . .	

Rationale: Added polystyrene per 2019 DWA-SC JC meeting discussion (November 29, 2018).

BSR/UL 268, Standard for Safety for Smoke Detectors for Fire Alarm Systems

PROPOSAL

8. Detector Air Velocity in Excess of 300 fpm

40.3 For detector velocities in excess of 300 fpm, the detector shall be tested to Fire Tests (Section 36) in the Standard for Smoke Detectors for Duct Application, UL 268A ~~and section 74, Air Duct Detectors (Canada only)~~.

BSR/UL 300, Standard for Safety for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment

2. Withdrawal of Proposal: Safety critical function protection requirements

PROPOSAL

If the 2018-11-02 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

6.1.13 Appliances equipped with an attached moveable obstruction or fixed obstruction(s), such as a cover, shall be evaluated at worst case fixed obstruction locations in accordance with the applicable subsections of Section 6. The appliance model with an integral moveable obstruction or fixed obstruction(s) or the appliance model and the model of the device providing the obstruction with the corresponding appliance size shall be referenced in the manufacturer's installation instructions.

Exception: The appliance model is not required in the manufacturer's installation instructions when a range back shelf obstruction is evaluated.

BSR/UL 583, Standard for Safety for *Electric-Battery-Powered Industrial Trucks,*

1. Wiring located within a lead acid battery power source compartment.

12.1.1 Wiring located within a lead acid battery power source compartment, shall comply with one of the following. The wiring shall be considered with respect to the temperature and conditions of service to which the wiring is to be subjected to in the intended use:

a) Outline for Battery Lead Wire, UL 2726;

b) The Standard for Low Voltage Battery Cable, SAE J1127;

c) The Outline for Low Voltage Battery Cable, UL 4127;

d) For wiring smaller than 6 AWG, the requirements in 12.1 would apply and the effects of acid exposure need not be evaluated.

BSR/UL 982, Standard for Safety for Motor-Operated Household Food Preparing Machines

2. Smart Enabled Food Preparing Machines

4.35.1 UNATTENDED APPLIANCE - An appliance that is not an attended appliance. Examples include ice cream freezers~~,~~ and butter churns ~~and pasta mixer-extruders~~.

SB3.2 With respect to SB3.1, the control shall not:

a) Render inoperative any protective control or protective control function within the appliance;

b) Alter the response to or expected performance of user actuated controls on the appliance, such as OFF or STOP controls on appliances with accessible moving part capable of causing injury or interlock controls on doors, covers or lids preventing in exposure of live parts, moving parts capable of causing injury or hot parts;

c) Enable remote starting, restarting or delayed starting of an operating function involving accessible moving parts capable of causing injury, such as blender blades, mixer beaters, and the like;

d) Enable remote stopping of an operating function, unless:

1) The appliance complies with the requirements for unattended appliances,

2) The Normal Temperature Test is repeated with the appliance operating continuously until constant temperatures are obtained or until automatically stopped by an operating control, and

3) The remote stop condition complies with 26.12;

e) Alter the order of appliance control response (e.g. force a protective control to operate where normally another control would respond, reset any protective manual reset control or shutoff feature); or

f) Supersede the response of any protective control functions.

3. Vacuum Blender Requirements

73.2.1 The following shall be included in the Instruction Manual for blending mixers in addition to any other safety instructions required by the standard:

a) "Keep hands and utensils out of container while blending to reduce the risk of severe injury to persons or damage to the blender (another trade name may be used). A scraper may be used but must be used only when the blender is not running (does not apply to an acceptable scraper integral with the appliance)."

b) "Blades are sharp. Handle carefully."

c) Blenders that have a removable cutting assembly that can be driven with the jar removed shall include the following additional safeguard instruction:

"To reduce the risk of injury, never place cutter-assembly blades on base without jar properly attached."

d) "Always operate blender with cover in place."

e) Replace 72.1(g) with the following:

"The use of attachments, including canning jars, not recommended by the manufacturer may cause a risk of injury to persons."

f) "When blending hot liquids, remove center piece of two-piece cover ~~to reduce the risk of thermal burn injury due to excessive pressure in the container~~." (If a two-piece cover is provided.)

g) For closed-top containers and vacuum blenders, except as noted in item (l) replace (f) with:

"Risk of thermal burn injury due to excessive pressure in the container. Do not blend hot liquids."

h) For a cover with an opening near the edge of the cover for pouring and an additional vent opening per the Exception No. 1 to 28.4.3.2, replace (f) with:

"~~To reduce the risk of thermal burn injury due to excessive pressure in the container, when~~ When blending hot liquids, open or remove each non-pouring lid or cap, and close any edge cover openings intended for pouring."

i) For a cover with an opening near the edge of the cover for pouring and without an additional vent opening per the Exception No. 1 to 28.4.3.2, replace (f) with:

"When blending hot liquids, open (remove) cap over pour opening ~~to reduce the risk of thermal burn injury due to excessive pressure in the container~~." (See also 42.1)

j) For a blender provided with a tamper, replace (a) with the following:

"Keep hands and utensils, other than the tamper provided, out of container while blending to reduce the risk of severe injury to persons or damage to the blender. The cover must remain in place when using the tamper through the cover

opening. A scraper may be used but must be used only when the blender is not running."

k) For a blender with a trapped blade assembly and a cover actuated interlock as specified in 28.4.2.2, replace (b) with the following:

1) "Blade assembly is sharp, not locked in place and removable. Handle with care. When handling blade assembly, always hold by the shaft,"

2) "To avoid a risk of injury, before pouring with the cover removed, carefully remove the blade assembly," and

3) If pour spout is provided on the cover: "If using the pour spout, hold the cover in place on the container (or "engage lid lock") when pouring to avoid risk of injury."

l) For a vacuum blender with an additional cover for vacuum blending, add the following to (f):

"Risk of thermal burn injury due to excessive pressure in the container. Do not use the vacuum blending cover when blending hot liquids."

Exception No. 1: In accordance with the Exception No. 2 to 28.4.3.2, replace (i) with (g).

Exception No. 2: In accordance with 28.4.3.3, the wording in (f), (h) and (i) shall indicate that the vented lid is to remain in place over the cover opening(s) when blending hot liquids.

4. Feed Opening Accessibility

28.5 Food processors including food choppers

~~28.5.1 A food processor with a circular feed opening, in addition to a construction as specified in 25.7.1, a construction complying with all of the following is considered to comply with the requirement in 25.7:~~

~~a) The inside diameter of the throat of a hopper feed opening for manual feeding, or any other opening, is not more than 3 inches (76.2 mm),~~

~~b) Moving parts of slicing and shredding blades that may cause injury to persons are at least 4 inches (101.6 mm) below the plane of the throat of the opening; and~~

~~c) Unless the chopping blade cannot be used with a cover having a feed or discharge opening, moving parts of a chopping blade (s-blade) that may cause injury to persons are at least 8 inches (203.3 mm) below the plane of the throat of the opening or shall not be accessible per 25.7.1(a).~~

5. Electric Knife Unintentional Operation

28.2.1 The switch shall be positioned for positive (deliberate) control and shall be provided with guarding, recessing, spring force, or the like to reduce the likelihood of unintentionally energizing the knife by the operator when holding the knife or when the knife is placed against the edge of a 1 inch (25.4 mm) thick surface, simulating a cutting board.

a) Positioned for positive control means that the user can hold the knife in the normal operating position without actuating the switch, while being capable of deliberately actuating the switch with the same or other hand. The gripping area shall be constructed to minimize the likelihood of hand slippage which may result in a loss of positive control when handling the knife.

b) It shall not be possible to actuate the knife's switch using the edge of the cutting board with the knife in any orientation and the blades attached. The cutting board shall have perpendicular sides and shall be located away from the edges of the supporting surface and prevented from moving. If a switch lockout is provided, it shall be placed in the unlocked position unless it automatically returns to the locked position when released.

28.2.1.1 A switch is considered to comply with 28.2.1(a) if the appliance has a means, such as a blade guard or stop plate, to prevent the hand from contacting the blades in the event of hand slippage and:

a) The switch actuator requires two actions, such as a slide and press construction, to operate the appliance, where each action automatically returns to the off condition when released, or

b) The switch actuator is guarded or recessed such that applying a cylindrical rod with a 1.58inch (40 mm) diameter and a hemispherical end to the switch actuator with a force not exceeding 1.1 lbf (5 N) does not result in operation of the appliance.

BSR/UL 1739-201x, Standard for Safety for Pilot-Operated Pressure-Control Valves for Fire-Protection Service

1. Clarification to Operation Test

19.8 After conducting the tests described in 19.5, a valve with a rated inlet pressure greater than 175 psi (1210 kPa) is to be adjusted to a referenced setting yielding the highest outlet pressure. The valve is then to be subjected to the rated inlet pressure while the valve is flowing approximately one-half the maximum flow recommended by the manufacturer. The shutoff valve at the end of the test line is to be closed from the partially open position so as to achieve a no (zero) flow condition ~~at approximately 5 seconds~~ within 15 seconds after starting to close the shutoff valve. The recorded outlet pressure shall not exceed 175 psig (1210 kPa) or 10 psig (70 kPa) over the outlet pressure setting for valves with settings above 165 psig (1140 kPa). See test procedure 4 in Table 19.1 for a description of test conditions.

BSR/UL 121201, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 *Hazardous (Classified) Locations*

1. This proposal provides revisions to the proposal document dated March 8, 2019.

PROPOSAL

1.6.1 This standard does not apply to electric luminaires for use in Class I and II, Division 2 and Class III hazardous (classified) locations which are within the scope of:

a) in the United States: UL 844; and

b) in Canada: CSA C22.2 No. 137.

1.6.2 This standard does not apply to electric motors, electric heaters, electrical resistance trace heating ~~tracing cables~~, and similar heat-producing products for use in Class I and II, Division 2 and Class III hazardous (classified) locations, except where they are an integral part of the equipment under evaluation~~, for use in Division 2 locations~~.

Where electric motors, electric heaters, electrical resistance trace heating ~~tracing cables~~, ~~and~~ or similar heat-producing products are an integral part of the equipment under evaluation, applicable requirements within the scope of the following standards shall be considered ~~as applicable: from the Division 2 hazardous locations standards for these products shall be considered~~.

a) in the United States

i) UL 1836 (for electric motors);

ii) UL 823 (for electric heaters); and

iii) UL 60079-30-1 (for electrical resistance trace heating).

b) in Canada: CSA C22.2 No. 60079-30-1.

1.6.3 In the United States, this standard does not apply to battery-operated flashlights and lanterns for use in Class I and II, Division 2 and Class III hazardous (classified) locations which are within the scope of UL 783.

18.6.1 The required instructional material of this standard may be provided by electronic media under the following conditions:

a) Where all required instructional material is provided by electronic media, there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode).

b) Where only some of the required instructional material is provided by electronic media and some is printed:

1) there shall be marking on the apparatus that contains the international symbol  (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode); and

2) the printed instructions provided with the apparatus shall clearly identify that additional information is available electronically, along with the document number, revision level and location of this electronic documentation (e.g. URL, QRcode).

Exception: For small electrical apparatus where some or all of the instructional material is to be provided by electronic media, and where there is limited space for both the international symbol  *(Reference No. 0434B of ISO 7000) and the document number, revision level and location of the electronic documentation (e.g. URL, QRcode):*

a) the international symbol  (Reference No. 0434B of ISO 7000) shall be marked on the apparatus; and

b) printed instructions shall be provided with the apparatus that, as a minimum, indicates the document number, revision level and location of the electronic documentation (e.g. URL, QRcode).

NOTE When electronic documentation is referenced either on the device or on the printed instructions, the location given can be the specific location for the required instructions (e.g. direct link to the specific instructions), or can be a more general location. (e.g. the URL for the overall manufacturer's website). It is the manufacturer's responsibility to assure that the location of the required instructions is accessible by the user.

18.6.2 Where a QRcode is used to provide the required instructional material, and the QRcode contains all required instructional material (as opposed to merely referencing a URL that contains required instructional material), a document number and revision level need not be indicated.

18.6.3 Where some or all of the required instructional material is provided by electronic media, the required instructional material shall be available in printed format upon request of the user.

BSR/UL 121203, Standard for Safety for Portable Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class II, Division 2 and Zone 22 *Hazardous (Classified) Locations*

1. This proposal provides revisions to the proposal document dated December 14, 2018.

PROPOSAL

SPECIAL NOTE: Replace Standard Title as follows: "Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class II, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations".

1.1 This standard is to provide guidance to the owner/operator of hazardous (classified) locations for the use of portable/personal electronic products in Class I, Division 2; Class I, Zone 2; Class II, Division 2; Class III, Division 1; Class III, Division 2; Zone 21, Group IIIA only; or Zone 22, Group IIIA and IIIB only hazardous (classified) locations.

1.3 This standard does not apply to portable electronic products that are listed for the involved hazardous (classified) locations. Examples of available listed products include radios, pagers, flashlights, some cell phones, some tablets and some test instruments.

NOTE 1: The following are the typical Division system standards for these products:

- Radios, pagers and test instruments: UL 121201, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations.

- Flashlights: UL 783, Electric Flashlights and Lanterns for Use in Hazardous (Classified) Locations.

NOTE 2: The Zone system standards for these products are UL 60079 series, Explosive Atmospheres for EPC Gc and Dc applications.

NOTE 3: In the United States, an OSHA interpretation of 29CFR1910.399 requires that a listed product be used if it is available. When listed equipment is not available, the CFR allows for testing and inspection by the owner/operator. This ~~document~~ standard is intended to provide guidance for to owner/operator for such testing and inspection.

3.1 Products covered by this Standard shall comply with the referenced installation codes and standards noted in this clause, as applicable.

4.14 NORMAL ~~USE~~ OPERATION - operation of equipment conforming electrically and mechanically with its design specification and used within the limits specified by the manufacturer~~, including stand-by, according to the manufacturer's instructions for use or for the obvious intended purpose~~.

4.15 PEP 1 - ***personal*** equipment that is deemed incapable of causing an ignition under normal ~~conditions~~ operations.

4.16 PEP 2 - ***portable*** equipment that is deemed incapable of causing an ignition under normal ~~conditions~~ operations.

5.1 Locations containing flammable gases or vapors, combustible dusts or ignitable fibers are required to be classified ~~by~~ in accordance with Articles 500 ~~and 505~~ thru 506 of the National Electrical Code®. Portable/personal products having self-contained power supplies, such as battery-operated products, could become an ignition source in these hazardous (classified) locations.

Table 1 - Application of portable/personal electronic products

Class	Division	Zone	Portable/Personal products that may be used in the classified location
I	2	2	a) PEP 1
			b) PEP 2; or
			c) Any product when a gas free work permit is in effect.
II	2	22	a) PEP 1
			b) PEP 2; or
			c) Any product when a ~~gas free~~ hot work permit is in effect~~; see Note 2 of~~ similar to 4.11.
III	1 or 2	21 Group IIIA only, 22 Group IIIA and IIIB only	a) PEP 1
			b) PEP 2; or
			c) Any product when a ~~gas free~~ hot work permit is in effect~~; see Note 2 of~~ similar to 4.11.

6.1.1 PEPs shall meet the following criteria:

a) Radio frequency energy transmission limited in accordance with 8.3 for Zone 21 and 22 applications only.

b) No provisions for forced ventilation.

c) No sparks visible in normal operation.

d) No excessive temperatures in normal operation.

e) No camera flash unless it can be disabled.

f) No motors unless it can be demonstrated the motor incorporates non-arcing technology.

g) No visible damage.

6.3.1 Personal or portable equipment meeting the general criteria in ~~5.1~~ 6.1 and all of the following additional criteria may be designated as PEP 2:

a) Powered by one or more cells, batteries, or photovoltaic cells

b) Cell or battery secured so it will not fall out in the drop test as described of 8.1.

c) No external electrical connections or wired accessories are used in the hazardous (classified) location.

NOTE Bluetooth headset is an example of a non-wired accessory.

d) Exposed terminals (for example battery charging terminals) are either recessed or diode protected to prevent a discharge caused by an accidental shorting of these terminals.

e) Power switch in accordance with 8.2

f) No damage that exposes the electrical/electronic circuitry as a result of the drop test described in 8.1.

Examples are some calculators, some medical injection devices, electronic watches ~~with calculators and~~ some cell phones and some tablets.

8.1.1 For PEP 2, the product shall be able to pass a drop test. The product (or a sample of the product) in the form in which it is intended to be used, shall be dropped onto a horizontal concrete surface from a height of 6 feet 6 inches (2 meters). The test is repeated six times with the device being dropped in the six orientations that are considered most likely to cause a failure. At the conclusion of the testing, the integrity of the enclosure shall not have been compromised, the cell or battery shall not have fallen out or become disconnected, and the device shall operate as intended.

If the product is intended to be used only while in a case and the case affords protection to the battery, then the drop test is done with the product in its case. ~~For example, a cell phone with a Bluetooth headset.~~ If the product is intended to be used after the product is removed from its case~~, then the drop test is performed with the product removed from its case, for example, a cell phone in a holster that will be removed from the holster to use the phone~~.

8.2.1 Any product with a power on-off switch with contacts that directly interrupt battery current is not acceptable for PEP 2 because the switch may cause an ignition-capable arc.

~~NOTE If the switch operator is not a maintained position device and requires the same action for on and off, then it is likely to be an electronic switch. Generally electronic products use the electronic circuit type of switch.~~

8.3.1 ~~f~~For PEP 1 applications, the radiated radio frequency (9 kHz to 60 GHz) energy from a product, such as a radio or cell phone, is not considered an ignition source if the EIRP is equal

to or below the following limits. If the EIRP of the equipment is above these limits or cannot be validated, a Safe/Hot Work Permit shall be used.

a) 2 W maximum output averaged over 20 microseconds for ~~Groups A and B and~~ Group IIC.

b) 3.5 W maximum output averaged over 80 microseconds for ~~Group C and~~ Group IIB.

c) 6 W maximum output averaged over 100 microseconds for ~~Group D and~~ Group IIA.

d) 6 W maximum output averaged over 200 microseconds for ~~Class II, Class III,~~ Zone 21 or Zone 22 hazardous (classified) locations.

EIRP may be determined by the manufacturers declaration or by measurement.

NOTE 1 Typical cell phones radiate under 2 W so their level of radio frequency radiation is acceptable for PEP 2 products.

NOTE 2 Work places are not immune to radio frequency interference or harmonics generated by electronic products. Each site may require individual evaluation.

NOTE 3 These limits are based on the limits established in UL 60079-0.

NOTE 4 It is not a requirement of this standard that conformity to the manufacturer's declaration be verified.

SPECIAL NOTE: For ease of Review, below only shows the Categories with changes from that of the Proposal document.

Recommended Safeguard Matrix for Electrical Work in Classified Locations			
Devices and Activities	**Area Classification**		**Comments**
	Numbers in Table refer to steps in Gas Free Work Permit		
	Division 1 Zone 1	**Division 2 Zone 2**	
Risk Category C - Portable/personal electronic devices (PEPs) including PEP-1 & PEP-2 as defined by UL 121203.	1, 2, 3, 4, 5	No GFWP Required	PEP devices must be evaluated in accordance with Section 7.
Example: watches, hearing ~~aides~~ aids, identified cell phones.			
Risk Category D - Portable/personal electronic devices other than PEP-1 or PEP-2.	1, 2, 3, 4, 5	1, 3, 4, 5	
Examples: non-PEP, non-listed electronic camera with flash, video camera, ~~non-PEP~~ cell phone, and similar devices.			