ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: November 3, 2019

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME PVHO-1-201x, Safety Standard for Pressure Vessels for Human Occupancy (revision of ANSI/ASME PVHO-1-2016)
This Standard applies to all pressure vessels that enclose a human within their pressure boundary while under internal or external pressure exceeding a differential pressure of 2 psi (15 kPa). PVHOs include, but are not limited to, submersibles, diving bells, and personnel transfer capsules, as well as decompression, recompression, hypobaric, and hyperbaric PVHOs.

Click here to view these changes in full

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

BSR/ASME PVHO-2-201x, Safety Standard for Pressure Vessels for Human Occupancy: In-Service Guidelines (revision of ANSI/ASME PVHO-2-2016)

This Standard provides technical requirements and guidelines for the operation and maintenance of PVHOs and PVHO systems that were designed, constructed, tested, and certified in accordance with ASME PVHO-1, Safety Standard for Pressure Vessels for Human Occupancy.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i148r1), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49 -2018)

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

Click here to view these changes in full

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

RVIA (Recreational Vehicle Industry Association)

Revision

BSR A119.5-201x, Park Model Recreational Vehicle Standard (revision of ANSI A119.5-2015)
This standard covers fire and life safety criteria and plumbing for Park Model RVs considered necessary to provide a reasonable level of protection from loss of life from fire and explosion. It reflects situations and the state of the art prevalent at the time the Standard was issued. Unless otherwise noted, it is not intended that the provisions of this document be applied to facilities, equipment, structures, or installations which were existing or approved for construction or installation prior to the effective date of the document, except in those cases where it is determined by the Authority Having Jurisdiction that the existing situation involves a distinct hazard to life or adjacent property.

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Send comments (with optional copy to psa@ansi.org) to: Kent Perkins, kperkins@rvia.org

BSR/RVIA LV-201x, Standard for Low Voltage Systems in Conversion and Recreational Vehicles (revision of ANSI/RVIA LV-2017)
This standard covers the installation of low-voltage electrical systems and devices within recreational and conversion vehicles. In the absence of specific instructions from the original equipment manufacturer, this standard also covers any additions, deletions, or modifications to any part of the original equipment chassis manufacturer's low-voltage electrical system.

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Send comments (with optional copy to psa@ansi.org) to: Kent Perkins, kperkins@rvia.org or RVIA, 1896 Preston White Drive, Reston, VA 20191

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 67-201X, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019)

This proposal covers a revision of requirements of UL 67 to reflect the changes to Section 230.71(B) of the 2020 NEC.

Click here to view these changes in full

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

BSR/UL 101-201x, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 101-2018)

This proposal for UL 101 covers: (1) Proposed revision to the title and scope of UL 101 to reflect that the impact and application of the standard requirements include other products as well as appliances.

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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: November 18, 2019

AAMI (Association for the Advancement of Medical Instrumentation)

Revision

BSR/AAMI RD47-201x, Reprocessing of hemodialyzers (revision of ANSI/AAMI RD47-2008 (R2013))

This recommended practice is addressed to the physician responsible for reprocessing hemodialyzers. It covers personnel and patient considerations, records, equipment, physical plant and environmental safety, reprocessing material, patient identification and hemodialyzer labeling, reprocessing and storage procedures, disposition of rejected dialyzers, preparation for subsequent use, patient monitoring, and quality assurance and quality control. This document does not endorse either single use or reuse of dialyzers.

Single copy price: Free

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Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

ADA (American Dental Association)

Reaffirmation

BSR/ADA Standard No. 1039-2006 (R201x), Standard Clinical Conceptual Data Model (reaffirmation of ANSI/ADA Standard No. 1039 -2006 (R2014))

The purpose of this document is to develop and present a shared understanding of the structure and content of data needed to support healthcare processes. This conceptual model forms the foundation for more detailed data representations in clinical information presented in the various types of electronic health and patient records

Single copy price: $25.00

Obtain an electronic copy from: wardm@ada.org

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ADA (American Dental Association)

Revision

BSR/ADA Standard No. 2000.3-201x, SNODENT (Systemized Nomenclature of Dentistry) (revision and redesignation of ANSI/ADA Standard No. 2000.2-2018)

SNODENT is a clinical terminology designed for use with electronic health records that enables the capture and analysis of detailed oral health data, including oral anatomical sites, oral health conditions, findings, and other clinical concepts unique to dentistry.

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 57.1-1992 (R201x), Design Requirements for Light Water Reactor Fuel Handling Systems (reaffirmation of ANSI/ANS 57.1 -1992 (R2015))

This standard sets forth the required functions of fuel handling systems at light water reactor nuclear power plants. It provides minimum design requirements for equipment and tools to handle nuclear fuel and control components safely.

Single copy price: $70.00

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ASTM (ASTM International)

New Standard

BSR/ASTM F2968-201x, Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints For Gas Distribution Applications (new standard)

https://www.astm.org/ANSI_SA

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BSR/ASTM WK61462-201x, Test Method for Tensile Strength Estimate by Disk Compression of Manufactured Graphite (new standard)

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BSR/ASTM WK63309-201x, Specification for Polyethylene (PE) Electrofusion Fittings for Outside Diameter Controlled Crosslinked Polyethylene (PEX) Pipe (new standard)

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BSR/ASTM WK63718-201x, Test Method for Determination of Fatty Acid Methyl Esters (FAME) in Aviation Turbine Fuel using Mid-Infrared Laser Spectroscopy (new standard)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D6615-2015a (R201x), Specification for Jet B Wide-Cut Aviation Turbine Fuel (reaffirmation of ANSI/ASTM D6615-2015a)

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ASTM (ASTM International)

Revision

BSR/ASTM C781-201x, Practice for Testing Graphite Materials for Gas-Cooled Nuclear Reactor Components (revision of ANSI/ASTM C781-2018)

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BSR/ASTM D910-201x, Specification for Leaded Aviation Gasolines (revision of ANSI/ASTM D910-2017A)

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BSR/ASTM D1322-201x, Test Method for Smoke Point of Kerosene and Aviation Turbine Fuel (revision of ANSI/ASTM D1322-2018)

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BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513 -2019)

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BSR/ASTM D3241-201x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2014a)

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BSR/ASTM D3678-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions (revision of ANSI/ASTM D3678-2014)

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BSR/ASTM D4226-201x, Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2016)

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BSR/ASTM D6299-201x, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2018)

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BSR/ASTM D6708-201x, Practice for Statistical Assessment and Improvement of Expected Agreement between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2019)

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BSR/ASTM D7219-201x, Specification for Isotropic and Near-isotropic Nuclear Graphites (revision of ANSI/ASTM D7219-2008 (R2014))

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BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2015)

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BSR/ASTM E177-201x, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2014)

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BSR/ASTM E329-201x, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2018)

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BSR/ASTM E1684-201x, Specification for Miniature Thermocouple Connectors (revision of ANSI/ASTM E1684-2017)

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BSR/ASTM E1687-201x, Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids (revision of ANSI/ASTM E1687-2010 (R2014))

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BSR/ASTM E1740-201x, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wall Covering or Ceiling Covering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2015)

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BSR/ASTM E2073-201x, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2019)

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BSR/ASTM E3006-201x, Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (revision of ANSI/ASTM E3006-2018)

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BSR/ASTM F512-201x, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (revision of ANSI/ASTM F512-2017)

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BSR/ASTM F877-201x, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2018A)

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BSR/ASTM F1807-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2017)

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BSR/ASTM F1948-201x, Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1948-2017)

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BSR/ASTM F1960-201x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2019)

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BSR/ASTM F2080-201x, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe (revision of ANSI/ASTM F2080-2018)

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BSR/ASTM F2434-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing (revision of ANSI/ASTM F2434-2018)

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BSR/ASTM F2829-201x, Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems (revision of ANSI/ASTM F2829-2017)

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BSR/ASTM F3253-201x, Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems (revision of ANSI/ASTM F3253-2018)

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

BSR/ASTM F3347-201x, Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F3347-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

AWS (American Welding Society)

New National Adoption

BSR/AWS A4.2M-201x (ISO 8249-2018 MOD), Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal (national adoption of ISO 8249:2018 with modifications and revision of ANSI/AWS A4.2M/ISO 8249:2006 (R2014))

Calibration procedures are specified for a number of commercial instruments that can then provide reproducible measurements of the ferrite content of austenitic stainless steel weld metals. Certain of these instruments can be further calibrated for measurements of the ferrite content of duplex ferritic-austenitic stainless steel weld metals. Calibration with primary standards (nonmagnetic coating thickness standards from the U.S. National Institute of Standards and Technology) is the preferred method for appropriate instruments. Alternatively, these and other instruments can be calibrated with weld-metal-like secondary standards. Reproducibility of measurement after calibration is specified. Problems associated with accurate determination of ferrite content are described.

Single copy price: $36.00

Obtain an electronic copy from: gupta@aws.org

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

AWS (American Welding Society)

New Standard

BSR/AWS A5.39/A5.39M-201x, Specification for Flux and Electrode Combinations for Submerged Arc and Electroslag Joining and Surfacing of Stainless Steel and Nickel Alloys (new standard)

This specification prescribes the requirements for the classification of flux-electrode combinations used with submerged arc or electroslag joining or surfacing using stainless steel and nickel alloys. Electrode classification is per AWS A5.9/A5.9M for solid and stranded stainless steel electrodes, A5.14/A5.14M for solid and stranded nickel-alloy electrodes, A5.22/A5.22M for cored stainless steel electrodes and A5.34/A5.34M for cored nickel-alloy electrodes. Flux-electrode joining classification is based on the mechanical properties and the composition of weld metal produced with the flux and a specific electrode. Flux-electrode surfacing classification is based on the composition of the weld metal produced with the flux and a specific electrode. The form and usability of the flux are also included. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of submerged arc and electroslag fluxes and electrodes.

Single copy price: $36.00

Obtain an electronic copy from: gupta@aws.org

Order from: Rakesh Gupta, (305) 443-9353, gupta@aws.org

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

BSR/AWS D16.5M/D16.5-201X, Training Guide for Robotic Arc Welding Personnel (new standard)

Provides technical information necessary to train personnel in the safe an effective use of industrial welding robots and welding robot systems. The training guide includes a summary of the requisite education resources required for training and the emphasis will be placed on the training individuals in accordance with the principles of the AWS D16.4 Certified Robot Arc Welder (CRAW) program. The training guide is designed for use by all robot arc-welding personnel and it is not intended to be used exclusively in support of the CRAW program.

Single copy price: $48.00

Obtain an electronic copy from: jrosario@aws.org

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

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

BICSI (Building Industry Consulting Service International)

New Standard

BSR/BICSI 009-201x, Data Center Operations and Maintenance Best Practices (new standard)

This standard provides requirements, recommendations, and best practices for the operation and maintenance of data centers including but not limited to standard operating procedures, emergency operating procedures, maintenance, governance, and management.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

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

CSA (CSA America Standards Inc.)

New Standard

BSR/CSA HGV 4.9-201x, Hydrogen Fueling Stations (new standard)

This Standard specifies the design, installation, operation, and maintenance of site-built and modular gaseous hydrogen fueling stations (HFS) intended to fuel on-road vehicles.

Single copy price: Free

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

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

FCI (Fluid Controls Institute)

Revision

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

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

Single copy price: Free

Obtain an electronic copy from: fci@fluidcontrolsinstitute.org

Send comments (with optional copy to psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

GBI (Green Building Initiative)

GBI is requesting public comments (proposals for changes) on ANSI/GBI 01-2019: Globes Assessment Protocol for Commercial Buildings. This request follows the schedule for continuous maintenance posted at https://www.thegbi.org/ansi.

Revision

BSR/GBI 01-201x, Green Globes Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2019)

The Standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial buildings. Six areas of green building design will be included: environmental/project management, site, energy, water, materials, and indoor environment.

Single copy price: $25.00 USD

Obtain an electronic copy from: https://www.thegbi.org/ansi or

https://www.thegbi.org/content/misc/ANSI-GBI_01-2019_Publication_-_final_6-14-19_.pdf

Send comments (with optional copy to psa@ansi.org) to: comment@thegbi.org,

public comment form link: https://www.thegbi.org/content/misc/GBI-ANSI_Proposal_for_Change_or_Public_Comment_Form-final.docx

LIA (ASC Z136) (Laser Institute of America)

New Standard

BSR Z136.5-201x, Standard for Safe Use of Lasers in Educational Institutions (new standard)

This standard applies the requirements of the ANSI Z136.1 to the unique environments associated with educational institutions, including teaching laboratories, classrooms, lecture halls, science fairs as well as projects on and off campus, and science museums, when they incorporate lasers into their educational process. It is intended for staff and students using lasers for academic instruction in university, college, secondary, or primary educational facilities.

Single copy price: $30.00

Obtain an electronic copy from: https://www.lia.org/store/product/z1365-draft-public-review-electronic-american-national-standard-safe-use-lasers

Send comments (with optional copy to psa@ansi.org) to: Liliana Caldero, lcaldero@lia.org

BSR Z136.7-201x, Standard for Testing and Labeling of Laser Protective Equipment (new standard)

This standard addresses emerging laser technology protective requirements, e.g., broad-spectrum laser sources, ultrafast lasers systems, new high-power systems not previously handled; including testing methodology definitions, refinement of testing protocols and data supporting known damage thresholds as a function of laser source parameters and materiel solutions adopted. The scope of this standard is to provide recommendations for the testing requirements and labeling of protective equipment (devices) designed for use with lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

Single copy price: $30.00

Obtain an electronic copy from: https://www.lia.org/store/product/z1367-draft-public-review-electronic-american-national-standard-testing-and-labeling

Send comments (with optional copy to psa@ansi.org) to: Liliana Caldero, lcaldero@lia.org

NSF (NSF International)

Revision

BSR/NSF 14-201x (i106r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

Single copy price: Free

Obtain an electronic copy from: jsnider@nsf.org

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 195-201x, XFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (revision of ANSI/SCTE 195-2013)

The standardization and deployment of pluggable optical interfaces for headend equipment offer cost and power savings to cable operators. However, implementing pluggable optical interfaces in these devices presents significant technical challenges, since the lack of standardization may result in too many combinations of interfaces to support effectively in a headend device (power, wavelengths, cards, etc.).

Single copy price: $50.00

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

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

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

BSR/SCTE 196-201x, SFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (revision of ANSI/SCTE 196-2013)

The standardization and deployment of optical interfaces for headend equipment offer cost and power savings to MSOs. However, implementing optical interfaces in these devices presents significant technical challenges, since the lack of standardization may result in too many combinations of interfaces to support effectively in a headend device (power, wavelengths, cards, etc.).

Single copy price: $50.00

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

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

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

BSR/SCTE 199-201x, Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Receiver Module (SFP-RF-USRx) (revision of ANSI/SCTE 199-2010)

The integration of optical interfaces into headend equipment offers cost and power savings to MSOs. However, implementing optical interfaces in these devices presents significant technical challenges, since the lack of standardization may result in too many combinations of interfaces to support effectively in a headend device.

Single copy price: $50.00

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

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60335-2-24-201X, Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (national adoption of IEC 60335-2-24 with modifications and revision of ANSI/UL 60335-2-24-2019)

Approval of the second revision page set to 2nd edition of UL 60335-2-24.

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 987-201x, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2019)

This proposal for UL 987 covers: (1) Proposed deletion of requirements specific to table saws and miter saws; (2) Proposed addition of reference to rebar cutter/bender to Exception No. 1 of paragraph 33.7 for locking the motor-control switch.

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

BSR/UL 1175-201X, Standard for Buoyant Cushions (revision of ANSI/UL 1175-2010 (R2014))

This is a recirculation to the UL 1175 ballot dated 5-17-19.

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

BSR/UL 2225-201X, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2019)

Revisions to include changing the Scope to reflect new and revised requirements for cables, cable-fittings and marking found in the 2020 edition of the National Electrical Code, clarifying sample requirements for cable testing revisions to explosion testing by reference to UL 1203 to accommodate the use of precompression explosion testing equipment, as well as editorial revisions for clarity.

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

BSR/UL 2743-201x, Standard for Safety for Portable Power Packs (Proposal dated 10-4-19) (revision of ANSI/UL 2743-2016)

The following is proposed: (1) Revise the exception for power packs used in a repair facility, and (2) Proposal to accept grounded receptacle for device power source having no conductive connection to any branch circuit.

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

VC (ASC Z80) (The Vision Council)

Reaffirmation

BSR Z80.27-2014 (R201x), Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)

The scope of this standard applies to devices that are implanted in the eye to treat glaucoma by facilitating aqueous outflow. The standard excludes glaucoma devices whose effect depends upon metabolic and/or pharmacologic mechanisms.

Single copy price: $62.00

Obtain an electronic copy from: https://www.z80asc.com/ or email: ascz80@thevisioncouncil.org

Order from: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

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

Comment Deadline: December 3, 2019

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

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

New Standard

BSR INCITS 553-202x, Information Technology - Fibre Channel - Link Services - 4 (FC-LS-4) (new standard)

Provides as invaluable service for management and control of Fibre Channel systems. Recommends the development of additional and enhanced Extended Link Services functions to the Extended Link Services defined in the FC-LS standard. The specific goals of FC-LS-4 are to incorporate any new ELSs required for FC-NVMe, changes for VM identification and provide for new and/or amended Link Services as required.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=112115&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=112115&wg_abbrev=eb

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

BSR INCITS 565-202x, Information technology - Next Generation Access Control (new standard)

The existing NGAC standard comprises three distinct standards: INCITS 499-2017, Information technology - Next Generation Access Control - Functional Architecture (NGAC-FA); INCITS 526-2016, Information technology - Next Generation Access Control - Generic Operations and Data Structures (NGAC-GOADS); and INCITS 525-2018, Information technology - Next Generation Access Control - Implementation Requirements, Protocols and API Definitions (NGAC-IRPAD). This situation has resulted in redundancies (e.g., due to reestablishing context in each member) and inconsistencies among members (e.g., due to different production times), which increases the difficulty to understand and apply the specifications, and to maintain them (e.g., different review cycles and production of corrigendum). The scope of this work is to produce a single consolidated standard based on the existing three standards that constitute the NGAC.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=112076&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=112076&wg_abbrev=eb

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 9595-201X, Standard for Factory Follow-Up Services for Personal Flotation Devices (new standard)

UL proposes the first edition of the Standard for Factory Follow-Up Services for Personal Flotation Devices, UL 9595.

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1598B-2014 (R201x), Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (reaffirmation of ANSI/UL 1598B-2014)

This proposal for UL 1598B covers: Reaffirmation and continuance of the first edition of the Standard for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires.

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

Correction

Correction of Project Intent

BSR/GBI 01-201x

The September 27, 2019 Call for Comment project action on the proposal (stabilized maintenance of ANSI/GBI 01-2019) was incorrect. The project action is a revision. This proposal is being reissued in this edition of Standards Action and GBI (Green Building Initiative) has extended the comment deadline date as follows:

Comment Deadline: November 18, 2019

BSR/GBI 01-201x, Green Globes Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2019)

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 901 N. Glebe Road, Suite 300
Arlington, VA 22203
Contact: Cliff Bernier
Phone: (703) 253-8263
E-mail: cbernier@aami.org

BSR/AAMI RD47-201x, Reprocessing of hemodialyzers (revision of ANSI/AAMI RD47-2008 (R2013))

GBI (Green Building Initiative)

Office: 7805 S.W. 40th #80010
Portland, OR 97280
Contact: Emily Marx
Phone: (503) 274-0448
E-mail: marx@thegbi.org

BSR/GBI 01-201x, Green Globes Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2019)

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

Office: 700 K Street NW
Suite 600
Washington, DC 20001
Contact: Rachel Porter
Phone: (202) 737-8888
E-mail: comments@standards.incits.org

BSR INCITS 553-202x, Information Technology - Fibre Channel - Link Services - 4 (FC-LS-4) (new standard)

BSR INCITS 565-202x, Information technology - Next Generation Access Control (new standard)

NEMA (ASC C119) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Contact: Paul Orr
Phone: (703) 841-3227
E-mail: Pau_orr@nema.org

BSR C119.0-201x, Electric Connectors - Testing Methods and Equipment Common to the ANSI C119 Family of Standards (revision of ANSI C119.0-2015)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Contact: Jason Snider
Phone: (734) 418-6660
E-mail: jsnider@nsf.org

BSR/NSF 14-201x (i106r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210
Contact: Jing Kwok
Phone: (602) 281-4497
E-mail: jing.kwok@vita.com

BSR/VITA 46.31-201x, Higher Data Rate VPX - Solder Tail in Blind via (new standard)

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.

AAFS (American Academy of Forensic Sciences)

New Standard

ANSI/ASB Std 040-2019, Standards for Forensic DNA Interpretation and Comparison Protocols (new standard): 9/26/2019

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

Revision

ANSI/ASHRAE Standard 23.2-2019, Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants (revision of ANSI/ASHRAE Standard 23.2-2014): 9/30/2019

AWWA (American Water Works Association)

Reaffirmation

ANSI/AWWA C301-2014 (R2019), Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (reaffirmation of ANSI/AWWA C301-2014): 9/30/2019

ANSI/AWWA C304-2014 (R2019), Design of Prestressed Concrete Cylinder Pipe (reaffirmation of ANSI/AWWA C304-2014): 9/30/2019

CSA (CSA America Standards Inc.)

Reaffirmation

ANSI Z21.15-2009 (R2019), Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves (same as CSA 9.1) (reaffirmation of ANSI Z21.15-2009 (R2014), ANSI Z21.15a-2012 (R2014), ANSI Z21.15b-2013 (R2014)): 9/26/2019

HPS (ASC N43) (Health Physics Society)

Revision

ANSI N43.10-2019, Safe Design and Use of Panoramic, Dry Source Storage (Category II), Self-Contained Wet Source Storage (Category III), and Panoramic, Wet Source Storage (Category IV) Gamma Irradiators (revision of ANSI N43.10-2001 (R2010)): 9/26/2019

IKECA (International Kitchen Exhaust Cleaning Association)

New Standard

ANSI/IKECA M-10-2019, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems (new standard): 9/26/2019

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

ANSI ICEA S-110-717-2019, Standard for Optical Fiber Drop Cable (revision of ANSI/ICEA S-110-717-2013): 9/26/2019

* ANSI/NEMA WC 66/ICEA S-166-732-2019, Standard for Category 6 and 6A, 100 Ohm Individually, unshielded twisted pairs, indoor cables (with or without an overall shield) for use in LAN Communication Wire systems (revision of ANSI/NEMA WC 66/ICEA S-116-732-2013): 9/30/2019

NFPA (National Fire Protection Association)

Revision

ANSI/NFPA 73-2020, Standard for Electrical Inspections for Existing Dwellings (revision of ANSI/NFPA 73-2016): 9/19/2019

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 30-2004 (R2019), Standard for Safety for Metal Safety Cans (reaffirmation of ANSI/UL 30-2004 (R2014)): 9/27/2019

ANSI/UL 428B-2015 (R2019), Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (reaffirmation of ANSI/UL 428B-2015): 9/30/2019

ANSI/UL 1323-2014 (R2019), Standard for Safety for Scaffold Hoists (reaffirmation of ANSI/UL 1323-2014): 9/30/2019

Revision

ANSI/UL 982-2019, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017): 9/27/2019

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.

API (American Petroleum Institute)

Contact: Jacqueline Roueche, (202) 682-8286, RouecheJ@api.org
1220 L Street, NW, Washington, DC 20005

Supplement

BSR/API RP 10B-6/ISO 10426-6-2008, Addendum 1-201x, Recommended Practice on Determining the Static Gel Strength of Cement Formulations (supplement to ANSI/API RP 10B-6/ISO 10426-6-2010 (R2015))

Stakeholders: Makers and users of well cements, oil and gas operators, regulators, petroleum industry service suppliers.

Project Need: Correction of an error in a conversion factor in an equation that can cause a substantial error in the outcome of the calculation.

Specifies requirements and provides test methods for the determination of static gel strength (SGS) of cement slurries and related materials under simulated well conditions.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

New National Adoption

BSR X9.134-2-201x, Security and Data Protection for Mobile Financial Services (national adoption with modifications of ISO 12812 - Part 2)

Stakeholders: Card schemes, financial institutions, app developers, card issuers, acquirers, merchants, and others.

Project Need: A number of security considerations have been identified for mobile banking/payments, which need to be addressed in an American National Standard. In essence, security and related concerns affect four entities: Users who interact directly with Mobile Devices typically initiating transactions using Mobile Financial Services (“MFS”); Mobile Devices that interact with users and the telecommunications infrastructure; Telecommunications infrastructure – the combination of wireless networks, the Internet and financial networks – that link Mobile Devices to MFS; MFS, developed and managed by MFS Providers, that provide online transactions to users.

Part 2 of the suite of standards for mobile banking/payments will include specific requirements applicable to all mobile financial service providers (“MFSPs”) detailing what an app is required to do to protect personal data and ensure security for transactions. A summary of those requirements, as initially provided by the US, through X9 (X9F4) and ISO TC68/SC2 (WG13), chaired by the US, includes but is not limited to: (1) mutual authentication; (2) protection of sensitive data from unauthorized disclosure; (3) protection of sensitive data from unauthorized modification or substitution; and (4) authentication of credentials (e.g., passwords, PINs) and account numbers (e.g., PAN).

ASME (American Society of Mechanical Engineers)

Contact: Terrell Henry, (212) 591-8489, ansibox@asme.org
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990

Revision

BSR/ASME A17.6-201x, Standard for Elevator Suspension, Compensation and Governor Systems (revision of ANSI/ASME A17.6 -2017)

Stakeholders: Manufacturers, equipment owners, and regulatory authorities.

Project Need: The A17.6 Standard is being reviewed and revised to incorporate updates based on best practices and lessons learned in the industry.

This Standard covers the means and members of suspension, compensation, and governor systems for elevators within the scope of ASME A17. 1/CSAB44. This Standard includes the material properties, design, testing, inspection, and replacement criteria for these means. It includes the requirements for steel wire rope, aramid fiber rope, and noncircular elastomeric coated steel suspension members, and provides direction for future constructions as new technology develops

ICC (International Code Council)

Contact: Karl Aittaniemi, (888) 422-7233, kaittaniemi@iccsafe.org
4051 Flossmoor Road, Country Club Hills, IL 60478

New Standard

BSR/ICC 605-201x, Standard for Residential Construction in Regions with Wildfire Hazard (new standard)

Stakeholders: Code officials, builders, manufacturers, design professionals, certification agencies.

Project Need: Resiliency is an important factor relative to a building's response to extreme events; hence, the fundamental goal is to develop a Standard relevant to a wildfire hazard affecting modern residential construction three stories and less increasing the likelihood that the structure can continue to be useable and reduce rebuilding time.

Development of a comprehensive Standard to specify enhanced prescriptive methodologies of wildfire-resistant design and construction details for buildings and other structures of wood-framed, steel-framed, concrete, or masonry construction sited in wildfire hazardous areas. This Standard provides prescriptive details for walls, floors, roofs, foundations, windows, doors, and other applicable components of construction.

BSR/ICC 610-201x, Standard for Residential Construction in Regions with Seismic Hazard (new standard)

Stakeholders: Code officials, builders, manufacturers, design professionals, certification agencies.

Project Need: Resiliency is an important factor relative to a building's response to extreme events; hence, the fundamental goal is to develop a Standard relevant to a seismic hazard affecting modern residential construction three stories and less increasing the likelihood that the structure can continue to be useable and reduce rebuilding time.

Development of a comprehensive standard to specify enhanced prescriptive methodologies of seismic resistant design and construction details for buildings and other structures of wood-framed, steel-framed, concrete, or masonry construction sited in seismic hazardous areas. This Standard provides a methodology to identify and retrofit specific known vulnerabilities in wood light-frame dwellings. Use of the provisions is anticipated to improve earthquake performance but is not intended to prevent earthquake damage.

BSR/ICC 615-201x, Standard for Residential Construction in Regions with Tsunami Hazard (new standard)

Stakeholders: Code officials, builders, manufacturers, design professionals, certification agencies.

Project Need: Resiliency is an important factor relative to a building's response to extreme events; hence, the fundamental goal is to develop a Standard relevant to a tsunami hazard affecting modern residential construction three stories and less increasing the likelihood that the structure can continue to be useable and reduce rebuilding time.

Development of a comprehensive standard to specify enhanced prescriptive methodologies of tsunami-resistant design and construction details for buildings and other structures of wood-framed, steel-framed, concrete, or masonry construction sited in coastal regions susceptible to tsunamis. A tsunami, or tidal wave, is a series of waves in a water body caused by the displacement of a large volume of water. Earthquakes, volcanic eruptions, and other underwater explosions above or below water all have the potential to generate a tsunami. This Standard provides prescriptive details for walls, floors, roofs, foundations, windows, doors, and other applicable components of construction.

NEMA (ASC C119) (National Electrical Manufacturers Association)

Contact: Paul Orr, (703) 841-3227, Pau_orr@nema.org
1300 North 17th Street, Suite 900, Rosslyn, VA 22209

Revision

BSR C119.0-201x, Electric Connectors - Testing Methods and Equipment Common to the ANSI C119 Family of Standards (revision of ANSI C119.0-2015)

Stakeholders: Connector manufacturers, electric utilities.

Project Need: Routine maintenance.

This standard covers methods and equipment for performing the connector qualification tests common to the ANSI C119 family of standards. Tests that are unique to only one ANSI C119 product standard are not covered in this document and are described in the applicable product standard.

VC (ASC Z80) (The Vision Council)

Contact: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org
225 Reinekers Lane, Alexandria, VA 22314

Revision

BSR Z80.20-201x, Contact Lenses - Standard Terminology, Tolerances, Measurements and Physicochemical Properties (revision of ANSI Z80.20-2016)

Stakeholders: The stakeholders are that portion of the U.S. population that wear contact lenses (consumers).

Project Need: Revision of the standard with no scope change in preparation for the 5-year review deadline.

This American National Standard applies to contact lenses worn over the front surface of the eye in contact with the preocular tear film. The standard covers rigid intracorneal and haptic (scleral) contact lenses, as well as soft paralimbal contact lenses. Table 1 provides a high-level list of materials used for both rigid and soft contact lenses.

VITA (VMEbus International Trade Association (VITA))

Contact: Jing Kwok, (602) 281-4497, jing.kwok@vita.com
929 W. Portobello Avenue, Mesa, AZ 85210

New Standard

BSR/VITA 46.31-201x, Higher Data Rate VPX - Solder Tail in Blind via (new standard)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Fills the need for a printed circuit module with a high-performance connector for use with high-speed serial fabrics in embedded applications.

VITA 46.31 defines a standard for a VPX connector that supports higher data rates, to at least 25 Gbaud – for protocols such as 100GBASE-KR4 Ethernet and PCIe Gen 4. The connectors feature a short solder tail intended to be soldered into a blind via. The higher data rate connectors compliant to VITA 46.31 are intermateable to legacy VITA 46.0 connectors and follow the same form factor.

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

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
Phone: (703) 253-8263
Web: www.aami.org

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Web: www.ans.org

API
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005
Phone: (202) 682-8286
Web: www.api.org

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
M/S 6-2B
New York, NY 10016-5990
Phone: (212) 591-8489
Web: www.asme.org

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

AWS
American Welding Society
8669 NW 36th Street
130
Miami, FL 33166
Phone: (305) 443-9353
Web: www.aws.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Web: www.awwa.org

BICSI
Building Industry Consulting Service International
8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Web: www.bicsi.org

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

FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Web: www.fluidcontrolsinstitute.org

GBI
Green Building Initiative
7805 S.W. 40th #80010
Portland, OR 97280
Phone: (503) 274-0448
Web: www.thegbi.org

HPS (ASC N43)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Web: www.hps.org

ICC
International Code Council
4051 Flossmoor Road
Country Club Hills, IL 60478
Phone: (888) 422-7233
Web: www.iccsafe.org

IKECA
International Kitchen Exhaust Cleaning Association
100 North 20th Street
Suite 400
Philadelphia, PA 19103-1462
Phone: (215) 320-3711
Web: www.ikeca.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW
Suite 600
Washington, DC 20001
Phone: (202) 737-8888
Web: www.incits.org

LIA (ASC Z136)
Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Web: www.laserinstitute.org

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

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3278
Web: www.nema.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269-9101
Phone: (617) 984-7248
Web: www.nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660
Web: www.nsf.org

RVIA
Recreational Vehicle Industry Association
1896 Preston White Drive
P.O. Box 2999
Reston, VA 20191-4363
Phone: (703) 620-6003
Web: www.rvia.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Web: www.scte.org

UL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Web: www.ul.com

VC (ASC Z80)
The Vision Council
225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913
Web: www.z80asc.com

VITA
VMEbus International Trade Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
Phone: (602) 281-4497
Web: www.vita.com

ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

Ordering Instructions

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 4135, Anaesthetic and respiratory equipment - Vocabulary and semantics - 12/20/2019, $125.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 52120-1, Energy performance of buildings - Contribution of building automation and controls and building management - Part 1: Modules M10-4,5,6,7,8,9,10 - 12/20/2019, $165.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 81001-1, Health software and health IT systems safety, effectiveness and security - Part 1: Foundational principles, concepts, and terms - 12/4/2019, $125.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 16400-1, Automation systems and integration - Equipment behaviour catalogues for virtual production system - Part 1: Overview - 12/21/2019, $71.00

ROAD VEHICLES (TC 22)

ISO/DIS 13044-2, Road vehicles - Fully automatic coupling systems 24 V (FACS) for heavy commercial vehicle combinations - Part 2: Electrical and pneumatic interface for 50 mm fifth wheel couplings - 12/21/2019, $93.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 21191, Equipment for crop protection - Closed transfer systems (CTS) - Performance specification - 12/16/2019, $77.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 20529-2, Intelligent transport systems - Framework for Green ITS (G-ITS) standards - Part 2: Integrated mobile service applications - 12/14/2019, $125.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 30118-2, Information technology - Open Connectivity Foundation (OCF) Specification - Part 2: Security specification - 12/20/2019, $215.00

ISO/IEC DIS 30118-3, Information technology - Open Connectivity Foundation (OCF) Specification - Part 3: Bridging specification - 12/20/2019, $125.00

ISO/IEC DIS 30118-4, Information technology - Open Connectivity Foundation (OCF) Specification - Part 4: Resource type specification - 12/20/2019, $269.00

ISO/IEC DIS 30118-5, Information technology - Open Connectivity Foundation (OCF) Specification - Part 5: Smart home device specification - 12/20/2019, $107.00

ISO/IEC DIS 30118-6, Information technology - Open Connectivity Foundation (OCF) Specification - Part 6: Resource to AllJoyn interface mapping specification - 12/20/2019, $102.00

ISO/IEC DIS 30118-7, Information technology - Open Connectivity Foundation (OCF) Specification - Part 7: Wi-Fi easy setup specification - 12/20/2019, $107.00

ISO/IEC DIS 30118-8, Information technology - Open Connectivity Foundation (OCF) - Part 8: Cloud specification - 12/20/2019, $88.00

ISO/IEC DIS 30118-9, Information technology - Open Connectivity Foundation (OCF) - Part 9: OCF resource to one M2M resource mapping specification - 12/20/2019, $165.00

ISO/IEC DIS 9594-11, Information technology - Open systems interconnection - The directory - Part 11: Protocol specifications for secure operations - 12/16/2019, $146.00

IEC Standards

9/2542/CDV, IEC 61992-6/AMD2 ED1: Amendment 2 - Railway applications - Fixed installations - DC switchgear - Part 6: DC switchgear assemblies, /2019/12/2

9/2556/FDIS, IEC 62505-3-3 ED2: Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-3: Measurement, control and protection devices for specific use in a.c. traction systems - Voltage transformers, 2019/11/8

10/1086/CDV, IEC 62975 ED1: Natural esters - Guidelines for maintenance and use in electrical equipment, /2019/12/2

14/1022/CDV, IEC 60076-22-6 ED1: Power transformers - Part 22-6: Power transformer and reactor fittings - Fans, /2019/12/2

14/1021/CDV, IEC 60076-22-5 ED1: Power transformers - Part 22-5: Power transformer and reactor fittings - Pumps, /2019/12/2

23A/889/CDV, IEC 61534-1/AMD2 ED2: Powertrack systems - Part 1: General requirements, /2019/12/2

29/1035/CD, IEC 63219 ED1: Definition and verification of hearing aid features, /2019/12/2

33/629/NP, PNW 33-629 ED1: Grading capacitors for high-voltage alternating current circuit-breakers - Part 2: TRV capacitors, /2019/10/2

34A/2161/NP, PNW 34A-2161: Flexible Organic Light Emitting Diode (OLED) panels for general lighting - Performance requirements, /2019/12/2

34D/1502/FDIS, IEC 60570/AMD2 ED4: Electrical supply track systems for luminaires, 2019/11/8

46C/1132/CD, IEC 61156-13: Multicore and symmetrical pair/quad cables for digital communications - Part 13: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Horizontal floor wiring - Sectional specification, /2019/12/2

47/2588/CDV, IEC 63068-3 ED1: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 3: Test method for defects using photoluminescence, /2019/12/2

47/2594/NP, PNW 47-2594: Semiconductor devices - Semiconductor devices for IoT-based fire detection system - Part 1: Test method of semiconductor devices for IoT-based sound variation fire detection system, /2019/12/2

47E/674/CDV, IEC 60747-14-11 ED1: Semiconductor devices - Part 14-11: Semiconductor sensors - Test method of surface acoustic wave based integrated sensor for measuring ultra violet, illumination and temperature, /2019/12/2

47E/682/FDIS, IEC 60747-18-3 ED1: Semiconductor devices - Part 18 -3: Semiconductor bio sensors - Fluid flow characteristics of lens-free CMOS photonic array sensor package modules with fluidic system, 2019/11/8

51/1308/CDV, IEC 63093-9 ED1: Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 9: Planar cores, /2019/12/2

51/1309/CDV, IEC 63093-1 ED1: Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification, /2019/12/2

56/1852/FDIS, IEC 61123 ED2: Reliability testing - Compliance test plans for success ratio, 2019/11/8

57/2119(F)/CDV, IEC 61968-13 ED2: Application integration at electric utilities - System interfaces for distribution management - Part 13: Common distribution power system model profiles, /2019/11/2

57/2144/CD, IEC 62325-451-7 ED1: Framework for energy market communications - Part 451-7: Balancing processes, contextual and assembly models for European style market, /2019/12/2

61/5937/FDIS, IEC 60335-2-95 ED4: Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use, 2019/11/8

61C/813/CDV, IEC 60335-2-24 ED8: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, /2019/12/2

82/1619/CDV, IEC 60904-1 ED3: Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics, /2019/12/2

100/3314/FDIS, IEC 63005-2 ED1: Event video data recorder for road vehicle accidents - Part 2: Test methods for evaluating the performance of basic functions, 2019/11/8

101/598/DTR, IEC TR 61340-1/AMD1 ED1: Electrostatics - Part 1: Electrostatic phenomena - Principles and measurements, /2019/11/2

112/463/NP, PNW 112-463: Future IEC 61857: Electrical insulation systems - Procedures for thermal evaluation - Part XX: Specific requirements for evaluation of an electrical insulation system (EIS) used for road transportation applications, /2019/12/2

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 18387:2019, Aerospace - Linear hydraulic utility actuator - General specifications, $185.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO 11855-7:2019, Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 7: Input parameters for the energy calculation, $68.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO 20186-3:2019, Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Part 3: Isolated circulating cell free DNA from plasma, $103.00

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

ISO 15590-4:2019, Petroleum and natural gas industries - Factory bends, fittings and flanges for pipeline transportation systems - Part 4: Factory cold bends, $162.00

MINING (TC 82)

ISO 19225/Amd1:2019, Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1, $19.00

OTHER

ISO/IEC TR 17032:2019, Conformity assessment - Guidelines and examples of a scheme for the certification of processes, $162.00

PAINTS AND VARNISHES (TC 35)

ISO 12944-5:2019, Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 5: Protective paint systems, $138.00

PLASTICS (TC 61)

ISO 16770:2019, Plastics - Determination of environmental stress cracking (ESC) of polyethylene - Full-notch creep test (FNCT), $138.00

ISO 20028-1:2019, Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specification, $103.00

SOIL QUALITY (TC 190)

ISO 28258/Amd1:2019, Soil quality - Digital exchange of soil-related data - Amendment 1, $68.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 1087:2019, Terminology work and terminology science - Vocabulary, $45.00

ISO Technical Specifications

IRON ORES (TC 102)

ISO/TS 2597-4:2019, Iron ores - Determination of total iron content - Part 4: Potentiometric titration method, $138.00

NANOTECHNOLOGIES (TC 229)

ISO/TS 11251:2019, Nanotechnologies - Characterization of volatile components in single-wall carbon nanotube samples using evolved gas analysis/gas chromatograph-mass spectrometry, $68.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9995-9/Amd1:2019, Information technology - Keyboard layouts for text and office systems - Part 9: Multi-lingual, multiscript keyboard layouts - Amendment 1, $19.00

ISO/IEC 23001-7/Amd1:2019, Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files - Amendment 1: AES-CBC-128 and key rotation, $138.00

ISO/IEC 23093-2:2019, Information technology - Internet of media things - Part 2: Discovery and communication API, $103.00

ISO/IEC 14496-15:2019, Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format, $232.00

IEC Standards

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

IEC 61935-1 Ed. 5.0 b:2019, Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801-1 and related standards, $387.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-7-706 Ed. 2.1 b:2019, Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement, $47.00

IEC 60364-7-706 Amd.1 Ed. 2.0 b:2019, Amendment 1 - Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement, $23.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 62908-12-20 Ed. 1.0 en:2019, Touch and interactive displays - Part 12-20: Measuring methods of touch displays - Multi-touch performance, $117.00

METHODS FOR THE ASSESSMENT OF ELECTRIC, MAGNETIC AND ELECTROMAGNETIC FIELDS ASSOCIATED WITH HUMAN EXPOSURE (TC 106)

IEC 62209-3 Ed. 1.0 b:2019, Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz), $387.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-89 Ed. 3.0 b cor.1:2019, Corrigendum 1 - Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor, $0.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 61188-7 Ed. 2.0 b:2017, Printed boards and printed board assemblies - Design and use - Part 7: Electronic component zero orientation for CAD library construction, $117.00

IEC 61191-2 Ed. 3.0 b:2017, Printed board assemblies - Part 2: Sectional specification - Requirements for surface mount soldered assemblies, $235.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-12-1 Ed. 2.0 b cor.1:2019, Corrigendum 1 - Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines, $0.00

IEC Technical Reports

EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)

IEC/TR 61244-4 Ed. 1.0 en:2019, Determination of long-term radiation ageing in polymers - Part 4: Effects of different temperatures and dose rates under radiation conditions, $235.00

IEC Technical Specifications

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 62257-9-6 Ed. 2.0 en:2019, Renewable energy and hybrid systems for rural electrification - Part 9-6: Integrated systems - Recommendations for selection of Photovoltaic Individual Electrification Systems (PV-IES), $235.00

S+ IEC/TS 62257-9-6 Ed. 2.0 en:2019 (Redline version), Renewable energy and hybrid systems for rural electrification - Part 9-6: Integrated systems - Recommendations for selection of Photovoltaic Individual Electrification Systems (PV-IES), $305.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

Green Building Initiative (GBI)

ANSI's Executive Standards Council has approved the reaccreditation of the Green Building Initiative (GBI), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on GBI-sponsored American National Standards, effective September 30, 2019. For additional information, please contact: Ms. Vicki Worden, President & CEO, Green Building Initiative, P.O. Box 80010, Portland, OR 97280; phone: 202.841.2999; e-mail: Vicki@thegbi.org.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 202/SC 1 – Microbeam Analysis Terminology

Comment Deadline: October 11, 2019

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 202/SC 1 – Terminology. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 202/SC 1 to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 202/SC 1 operates under the following scope:

Development of Terminology standards within the scope of ISO/TC 202 – Microbeam analysis:

Standardization in the field of microbeam analysis (measurement, parameters, methods and reference materials) which uses electrons as an incident beam and electrons and photons as the detection signal.

Note: The purpose is to analyze the compositional and structural characteristics of solid materials. The volume of analysis will generally involve a depth up to 10 micrometers and a surface area less than 100 square micrometers.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 202. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 202 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by October 11, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Establishment of a New ISO Project Committee

ISO/PC 25 – Sex toys – Design and safety for products in direct contact with genitalia, the anus, or both

A new ISO Project Committee, ISO/PC 325 – Sex toys – Design and safety requirements for products in direct contact with genitalia, the anus, or both, has been formed. The Secretariat has been assigned to Sweden (SIS).

ISO/PC 325 operates under the following scope:

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.

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).

Establishment of a New ISO Technical Committee

ISO/TC 287 – Sustainable processes for wood and wood-based products

A new ISO Technical Committee, ISO/TC 287 – Sustainable processes for wood and wood-based products, has been formed. The Secretariat has been assigned to Germany (DIN).

ISO/TC 287 operates under the following scope:

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/TC6 "Paper, board and pulps"; ISO/TC89 "Wood-based panels"; ISO/TC 165 "Timber structures"; ISO/TC 218 "Timber"; and ISO/TC 207 "Environmental management".

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 Proposal for a New Field of ISO Technical Activity

Surfaces with Biocidal and Antimicrobial Properties

Comment Deadline: November 15, 2019

AFNOR, the ISO member body for France, has submitted to ISO a proposal for a new field of ISO technical activity on surfaces with biocidal and antimicrobial properties, with the following scope statement:

Standardization of test methods used to assess the biocidal performance and efficacy of any surfaces with antimicrobial activities, including their compatibility with different families of disinfectants and cleaning agents. Such methods aim at evaluating the biocidal activity (i.e. that which irreversibly inactivates microorganism) and at differentiating it from the biostatic activity (i.e. the inhibition of the growth of microorganisms).

The field of covers the assessment of surfaces displaying intrinsic biocidal properties and of surfaces processed by any means so as to deliver biocidal properties.

Areas of interest include medical and veterinary applications, aerospace, agriculture, food hygiene and other industrial fields, institutional and domestic applications.

Excluded: Toxicological and ecotoxicological surface testing methods, antimicrobial activities of textile 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, November 15, 2019.

U.S. Proposal for a New Field of ISO Technical Activity

Incentives, Rewards and Recognition

Comment Deadline: November 15, 2019

ANSI has received a request from the Incentive Federation Inc. to submit to ISO a proposal for a new field of ISO technical activity on Incentives, Rewards and Recognition, with the following scope statement:

> Standardization in the field of incentives, rewards, and recognition will include classification, terminology and nomenclature, management practices and metrics that comprise the development, delivery, assessment and control of third-party acknowledgement and motivation solutions. Covered subjects would include products and services from third party companies that develop incentives, rewards, and recognition program development, program management, training, measurement and analytics, supply chain management, financial management and other related functions where organizational management applies defined methods to acknowledge or motivate employee performance and productivity or to increase customer acquisition, satisfaction, retention and loyalty. Incentives, reward, and recognition systems for performance improvements in sales, safety, engagement, retention and other business functional environments are also within scope. Intrinsic incentives, rewards, and recognition, non-material and those unique to the organizational or national cultures are also in scope (i.e. verbal appreciation, physical acknowledgement between parties, gifts of local cultural significance, corporate gifting, rewards points, traditional achievement and service awards, certificates and trophies.) Out of scope are the normal compensation and benefits programs that organizations provide to remunerate employees for expected performance from client organizations, e.g. cash compensation, health benefits, etc.

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, November 15, 2019.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. Technical Advisory Group (TAG) to ISO TC 34/SC 4 – Cereals and Pulses

Comment Deadline: November 4, 2019

The American Oil Chemists' Society (AOCS) has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 34/SC 4, Cereals and pulses, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Scott Bloomer, Ph.D., Director, Technical Services, American Oil Chemists' Society, 2701 Boulder Drive, Urbana, IL 61802; phone: 217.693.4830; e-mail: scott.bloomer@aocs.org . Please submit your comments to the AOCS by November 4, 2019 (please copy jthompso@ansi.org).

American National Standards (ANS) – Where to find Procedures, Guidance, Interpretations and More…

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

- *ANSI Essential Requirements: Due process requirements for American National Standards* (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: www.ansi.org/PSAWebForms
- Information about standards Incorporated by Reference (IBR): www.ansi.org/ibr
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer quickly, please send an email to psa@ansi.org .

Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.ansi.org/

Record 15-1285

Move 4-1.2.5 from Section 4 into Section 5

~~4-1.2.5 Medical-Use PVHO Certifications. The piping systems for PVHOs intended for use as medical devices, designed and manufactured according to the manufacturer's standard commercial design, shall comply with the U.S. Food and Drug Administration (FDA) Design Control Requirements (C.F.R.) Part 820, Quality System Regulations. Standard products meeting the requirements of the FDA are exempt from the requirement stated in paras. 4-1.2.1 through 4-1.2.4 of this Standard.~~

5-1.9 Medical-Use PVHO Certifications. The piping systems for PVHOs intended for use as medical devices, designed and manufactured according to the manufacturer's standard commercial design, shall comply with the U.S. Food and Drug Administration (FDA) Design Control Requirements (C.F.R.) Part 820, Quality System Regulations. Standard products meeting the requirements of the FDA are exempt from the requirement stated in paras. 4-1.2.1 through 4-1.2.4 of this Standard.

Record 17-1838

Insert new wording:

1-12 Operational Pressure Cycle

Before a PVHO may be put into service, a registered Professional Engineer, or similar, knowledgeable about the design and intended usage of the PVHO system, shall review the User Requirements and all other available design and usage information, to assess the need to require tracking of pressure cycles during operation of the PVHO chamber/components/system (e.g. for fatigue analysis, fracture mechanics analysis, fitness-for-service assessments, etc.). If it is determined that tracking of operational pressure cycles is required, then a definition(s) for "Operational Pressure Cycle(s)" shall be provided by a registered Professional Engineer, or similar, knowledgeable about the design and intended usage of the PVHO system. This definition will include all relevant parameters (e.g. pressure, temperature, time, etc.) that impact the minimum pressure differential that shall be recorded during usage to track available life for the PVHO chamber/component/system. It should also include any threshold conditions beneath which an increase in pressure should not be counted as a "pressure cycle". Various components may require their own unique definition of an Operation Pressure Cycle.

Record 18-2568

MANDATORY APPENDIX II - Insert new definition:

Professional Engineer: an individual who has fulfilled education, experience, and testing requirements that, under applicable jurisdictional engineering licensure or chartering laws, permits them to have technical authority according to the jurisdiction.

Proposed revision of
Safety Standard for
Pressure Vessels for Human
Occupancy: In-Service Guidelines

BSR/ASME PVHO-2-201x

Draft date: Sept 2019
TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or
Quotation ASME Codes and Standards

Record 17-257
Viewport components including both interior and exterior surfaces shall be visually examined and inspected for signs of flaws, corrosion, or irregularities. Viewports having one wetted surface may be inspected from the dry surface unless a flaw is detected on the wetted surface, which will require inspection from that surface. Viewports do not have to be disassembled for this inspection, unless deemed necessary by the inspector to further inspect a flaw of concern and determine if it exceeds allowable limits as set forth in this Standard.

Record 17-257
Viewports

2-4.2 Operational Viewport Inspection

~~Window interior and exterior surfaces shall be examined and inspected in sufficient detail to determine that no flaws exceed allowable limits as set forth in this Standard. Windows having one wetted surface may be inspected from the dry surface unless a flaw is detected on the wetted surface, which will require inspection from that surface.~~

~~Windows do not have to be removed for this inspection, unless deemed necessary by the inspector to further inspect a flaw of concern or critical severity.~~

2-4.2.1 Operational Viewport Inspection Schedule.

Viewports shall be visually inspected prior to each pressurization of the PVHO.

~~Windows~~ that are pressurized more than once per day need only be inspected prior to the first pressurization of that day, unless otherwise deemed necessary.

Tracking #49i148r1
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Revision to NSF/ANSI 49 – 2018
Issue 148, Revision 1 (September 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 grey highlighting. Rationale Statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

•
•

A.6.5 Cross-contamination test (system challenged by 1 × 10^4 to 8 × 10^4 *B. subtilis* spores for 5 minutes.)

•
•

A.6.5.2 Acceptance

A.6.5.2.1 Side wall test

Some agar plates, from the challenge sidewall to 14 inches (360 mm) from the sidewall, will recover B. subtilis CFU and shall be used as positive controls. The total number of CFU recovered on agar plates with centers greater than 14 inches (360 mm) shall not exceed 2 CFU per test.

The standard recognizes that factors outside of the control of the manufacturer may impact the results of this test. These factors can include plate handling errors, air currents in the test lab, lab contamination with the test organism, or problems with the test equipment. It is not always possible for the test agency to find these factors following a failing test. When the results of a test exceed the maximum allowed recovery for B. subtilis, a confirming test may be completed. When the maximum allowed recovery for B. subtilis was from a single replicate, the replicate may be replaced with two passing replicates with the nebulizer positioned on the same side of the cabinet where the failure occurred. When the maximum allowed recovery for B. subtilis was from two or three replicates on the same side of the cabinet, the test may be replaced with three additional replicates completed from that side of the cabinet.

A.6.5.2.2 Center test

Some agar plates, from the three rows positioned under the nebulizer, will recover B. subtilis CFU and shall be used as positive controls. The total number of CFU recovered on agar plates greater than 14 inches (360 mm) from the cabinet center line shall not exceed 5 CFU per test.

The standard recognizes that factors outside of the control of the manufacturer may impact the results of this test. These factors can include plate handling errors, air currents in the test lab, lab contamination with the test organism, or problems with the test equipment. It is not always possible for the test agency to find these factors following a failing test. When the results of a test exceed the maximum allowed recovery for B. subtilis, a confirming test may be completed. When the maximum allowed recovery for B. subtilis was from a single replicate, the replicate may be replaced with two passing replicates with the nebulizer facing the same side of the cabinet where the failure occurred. When the maximum allowed recovery for B. subtilis

was from two or three replicates facing the same side of the cabinet, the test may be replaced with three additional replicates completed facing that side of the cabinet.

***Rationale**: The confirmation language proposed here for the center test matches the language for the side wall test, with a few minor word changes to clarify the direction of the nebulizer from the center, rather than the side. This update will harmonize the biological test confirmation requirements for both parts of the cross test with the personnel and product protection confirmation test requirements.*

2020 BSR/A119.5 *Park Model Recreational Vehicle Standard*

CODE CHANGE COMMENT

Delete the proposed new underline text as follows.

5-11.1.4 The wall of the Park Model RV that is adjacent to the porch shall have finish material installed continuous to the bottom of the floor assembly, ~~unless corrosion resistant flashing is installed at the floor line.~~

2021 BSR/RVIA LV *Standard for Low Voltage Systems in Conversion and Recreational Vehicles*

CODE CHANGE COMMENTS

Delete the proposed new **2-6** as follows.

~~**2-6 Solar Installations.** Permanently installed solar panels shall be provided with anaccessible means of disconnect located between the solar panel and the controller. The disconnecting means shall indicate the off or on position and shall be marked "Solar disconnect"~~

Revise the proposed new text of **2-6** as follows:

2-6 Solar Installations. Permanently installed solar panels shall be provided with an accessible means of disconnect located between the solar panel and the controller. The disconnecting, means if a switch or similar device, shall indicate the off or on position and shall be marked "Solar disconnect."

Delete the proposed new Exception #2 under **3-1**:

3-1 General. All conductors shall be provided with overcurrent protection.

Exception: Braking circuits, cranking circuits, circuits supplying lights subject to federal or state regulations, and pigtails of utilization equipment less than 10 inches in length are exempt from overcurrent protection requirements.

~~*Exception #2: Solar panel (photovoltaic module) circuits are considered current limiting and overcurrent protection shall not be required for these circuits if the conductors have sufficient ampacity for the largest available current.*~~

BSR/UL 67, Standard for Safety for Panelboards

1. Revision of Requirements of UL 67 to Reflect the Changes to Section 230.71(B) of the 2020 NEC

5.14A COMPARTMENT - An area within the equipment that is constructed to prevent inadvertent contact with uninsulated live parts.

5.47A METER CENTER - A panelboard that contains one or more meter sockets with associated disconnecting means, capable of being used as service equipment.

6.4.2A Meter centers with provisions for multiple service disconnecting means shall meet the following construction requirements. Each service disconnecting means and its associated overcurrent devices shall be located within a separate compartment. Each compartment shall be constructed to prevent inadvertent contact with live parts such that with the service disconnect in that compartment in the off position, no ungrounded uninsulated live part is exposed to inadvertent contact by persons while servicing any field connected load terminal, including a neutral load terminal, a branch circuit equipment grounding terminal, or the neutral disconnect link. Exposure to inadvertent contact is determined by use of the probe illustrated in Figure 6.1. If restriction to the compartment is dependent on the installation of field installed service conductors, conductors sized in accordance with 12.1.10 shall be installed in the terminals when determining exposure to inadvertent contact. All live parts including the connector bodies and pressure screws shall be evaluated.

6.4.5A The housing of main switches or main circuit breakers shall be considered suitable as a component of a barrier or a compartment if the portion of the housing serving this purpose complies with 6.4.3 or 6.4.4.

BSR/UL 101, Standard for Safety for Leakage Current for Appliances

1. Proposed Revision To The Title And Scope Of UL 101 To Reflect That The Impact And Application Of The Standard Requirements Include Other Products As Well As Appliances

2.1 This standard applies to cord- and plug-connected ~~household~~ utilization equipment (see Definitions, Section 3) typically rated 20 A or less, nominal 50 or 60 Hz, having 3-wire (including equipment grounding conductor) or 2-wire cords, and intended for use on supply circuits not exceeding ~~150 V~~ 300 V to ground.

NOTE: The scope statement in 2.1 does not exclude utilization equipment currently rated higher than 20 A or voltage rated higher than 300 V from referencing this standard.

~~2.2 This standard does not apply to:~~

~~a) Appliances Utilization equipment having a grounding connection made at the factory to the neutral terminal.~~

~~b) Electronic measuring instruments not intended for household use.~~

~~The values in this standard do not provide protection against the minute currents which could cause ventricular fibrillation if applied directly to the heart, as via a heart catheter.~~

2.2 This standard does not apply to utilization equipment having a grounded connection made at the factory to the neutral terminal. The values in this standard do not provide protection against the minute currents which could cause ventricular fibrillation if applied directly to the heart, as via a heart catheter.