

Due to Hurricane Sandy, Volume 43, #44 is an abridged edition of ANSI Standards Action.

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: December 2, 2012**NSF (NSF International)****New Standard**

BSR/NSF 363-201x (i1), NSF/ANSI - 363 - Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (new standard)

Issue 1: The purpose of this ballot is to create an American National Standard (ANSI) to define Good Manufacturing Practices (GMPs) for excipient manufacture for use in pharmaceutical products. It sets the baseline requirements for GMPs applicable to all excipients. To assure patient safety, excipients require more rigorous GMP controls in addition to the baseline requirements.

[Click here to view these changes in full](#)

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

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 360-201x, Standard for Safety for Liquid-Tight Flexible Steel Conduit (proposal dated 11-2-12) (revision of ANSI/UL 360-2009a)

Proposal (dated 11-2-12) to remove the voltage references (limitations for the use of conduit in specific applications) from the scope of UL 360.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 1081-201x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2011)

Proposal to Add Requirements for Electric Swimming Pool Cleaners

[Click here to view these changes in full](#)

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to psa@ansi.org) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@ul.com

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 1559-201X, Standard for Safety for Insect-Control Equipment - Electrocutation Type (revision of ANSI/UL 1559-2011)

UL proposes revisions to UL 1559 to add requirements for insect-electrocution equipment which generates ultraviolet (UV) radiation.

[Click here to view these changes in full](#)

Single copy price: Contact comm2000 for pricing and delivery options

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

Comment Deadline: December 17, 2012**AAMI (Association for the Advancement of Medical Instrumentation)****New National Adoption**

BSR/AAMI/ISO 5841-3-201x, Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers (identical national adoption of ISO 5841-3, 3rd ed. (under development))

This document specifies a connector assembly to be used to connect implantable pacemaker leads to implantable pacemaker pulse generators. Essential dimensions and performance requirements related to connector fit are specified, together with appropriate test methods.

Single copy price: \$20.00 member/25.00 list

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications (phone 1-877-249-8226/Fax 1-301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)**New National Adoption**

BSR/AAMI/ISO 14708-2-201x, Implants for surgery -- Active implantable medical devices - Part 2: Cardiac pacemakers (identical national adoption of ISO 14708-2:2012)

This document specifies requirements that are applicable to those active implantable medical devices intended to treat bradyarrhythmias.

Single copy price: \$20 member/25 list

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications (phone 1-877-249-8226/Fax 1-301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)**Reaffirmation**

BSR/AAMI EC71-2001 (R201x), Standard communications protocol - Computer assisted electrocardiography (reaffirmation of ANSI/AAMI EC71-2001 (R2007))

This standard covers the two-way digital transmission of remote requests and results between digital electrocardiographs (ECG carts) and heterogeneous computer systems (hosts). It specifies the content and structure of the information which is to be interchanged between digital ECG carts and computer ECG management systems (ECG DBMS), as well as other computer systems where ECG data can be stored. It enables any two such systems to establish a logical link for communications ECG related data in a standard and interpretable form. Based on prENV 1064.

Single copy price: \$130/65 for AAMI members

Obtain an electronic copy from: <http://marketplace.aami.org/series/ScriptContent/Index.cfm>

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: Hae Choe, (703) 253-8268, HChoe@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 81060-1-2007 (R201x), Non-invasive sphygmomanometers - Part 1: Requirements and test methods for non-automated measurement type (reaffirmation of ANSI/AAMI/ISO 81060-1-2007)

ISO/IEC 81060-1 specifies requirements for mechanical sphygmomanometers and their accessories that, by means of an inflatable cuff, are used for the non-invasive measurement of blood pressure. This standard also specifies requirements for the safety, essential performance, effectiveness, and labeling, for these instruments and their accessories, including test methods to determine the accuracy of their measurements. The standard covers non-invasive blood pressure measuring devices with a mechanical pressure sensing element and display used in conjunction with a stethoscope or other manual methods for detecting Korotkoff sounds.

Single copy price: \$110.00/55.00 for AAMI members

Obtain an electronic copy from: <http://marketplace.aami.org/eseries/ScriptContent/Index.cfm>

Order from: www.aami.org

Send comments (with copy to psa@ansi.org) to: Hae Choe, (703) 253-8268, HChoe@aami.org

ACMA (American Composites Manufacturers Association)

New National Adoption

BSR/AMCA/ICPA SS-1-2004-201x, Performance Standard for Solid Surface Materials (identical national adoption of ISO 191712)

This proposal will be to adopt ISO 191712 to replace the old, inactive SS-1-2001 standard.

Single copy price: \$75.00

Obtain an electronic copy from: jbusel@acmanet.org

Order from: John Busel, (914) 961-8007, jbusel@acmanet.org

Send comments (with copy to psa@ansi.org) to: Larry Cox, (740) 928-3286, Lcox1225@gmail.com

CSA (CSA Group)

New Standard

BSR/CSA HPRD1-200x, Standard for Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers (new standard)

This standard contains requirements for pressure relief devices intended for use on fuel containers that comply with CSA B51, Part 2, SAE J2579, or ISO DIS 15869.2. Pressure relief devices designed to comply with this standard are intended to be used with hydrogen fuel complying with SAE J2719 or ISO 14687.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

IIAR (International Institute of Ammonia Refrigeration)

New Standard

BSR/IIAR 5-201x, Start-up and Commissioning of Closed-Circuit Ammonia Mechanical Refrigerating Systems (new standard)

This standard specifies the minimum requirements for the start-up and commissioning of ammonia mechanical refrigerating systems.

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

Obtain an electronic copy from: eric.smith@iiar.org

Order from: Eric Smith, (703) 312-4200, eric.smith@iiar.org

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

ITI (INCITS)

New National Adoption

INCITS/ISO/IEC 10646-2012, Information technology - Universal Coded Character Set (UCS) (identical national adoption of ISO/IEC 10646:2012 and revision of INCITS/ISO/IEC 10646-2012)

There are extensive electronic attachments to this standard which are only available on DVD. Please contact ANSI's Customer Service Department at 1-212-642-4980 or ansionline@ansi.org for more information. ISO/IEC 10646:2012 specifies the Universal Character Set (UCS). It is applicable to the representation, transmission, interchange, processing, storage, input and presentation of the written form of the languages of the world as well as additional symbols. It covers 110 181 characters from the world's scripts.

Single copy price: \$285.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revision

BSR/NB-23 2013 Edition-201x, National Board Inspection Code (revision and redesignation of ANSI/NB 23-2011)

NB-23 provides rules and guidelines for the in-service, inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure relief valves

Single copy price: N/A

Obtain an electronic copy from: rrough@nationalboard.org

Order from: Robin Hough 1055 Crupper Ave., Columbus, OH 43229

Send comments (with copy to psa@ansi.org) to: Robin Hough, rrough@nationalboard.org

NEMA (ASC C78) (National Electrical Manufacturers Association)**Revision**

BSR ANSLG C78.43-201x, Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2009)

This standard sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60 Hz ballasts to ensure interchangeability and safety. The data ... provides the basis for the electrical requirements for ballasts and ignitors, as well ... lamp-related requirements for luminaires. Includes lamps whose arc tubes are made of quartz or ceramic materials. Luminous flux and lamp color are not part of this standard.

Single copy price: \$240.00

Obtain an electronic copy from: ran_roy@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**New Standard**

BSR/NEMA HP 8-201x, Electrical and Electronic Crosslinked, Modified Low Smoke Polyolefin (XLPO) Insulated Hook-Up Wire, Types LS (105°C-600 V), ZHDM (90°C-600 V), ZHDH (90°C-600 V), ZH (125°C-600 V), and ZHX (125°C-1000 V) (new standard)

This Standards Publication covers specific requirements for crosslinked, modified polyolefin insulated solid and stranded wire, designed to the internal wiring of high reliability electrical and electronic equipment. This Standards Publication addresses 600 volt (Type LS, ZHDM, ZHDH, ZH), and 1000 volt (Type ZHX) wire and permits continuous conductor temperature ratings of -40ºC to + 90ºC, 105ºC, or 125ºC with either tin- or silver-coated conductors.

Single copy price: \$58.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/HP%208-2012/\(A\)%20ANSI%20Forms%20and%20Information%20to%20ANSI/HP%208,%20revision%209-7-2012,%20edits%20shown.pdf](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/HP%208-2012/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/HP%208,%20revision%209-7-2012,%20edits%20shown.pdf)

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revision**

BSR/ICEA S-94-649-201X, Standard for Concentric Neutral Cables Rated 5 Through 46 kV (revision of ANSI/ICEA S-94-649-2005)

These standards apply to materials, constructions, and testing of crosslinked polyethylene, tree retardant crosslinked polyethylene and ethylene propylene rubber insulated single conductor or multiplexed concentric neutral cables rated 5 to 46 kV which are used for the transmission and distribution of electrical energy.

Single copy price: \$230.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-94-649-2012/\(A\)%20ANSI%20Forms%20and%20Information%20to%20ANSI/S-94-649%20compare.pdf](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-94-649-2012/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/S-94-649%20compare.pdf)

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revision**

BSR/ICEA S-97-682-201X, Standard for Utility Shielded Power Cables Rated 5 Through 46 kV (revision of ANSI ICEA S-97-682-2007)

These standards apply to materials, constructions, and testing of crosslinked polyethylene, tree retardant crosslinked polyethylene and ethylene propylene rubber insulated single conductor or multiplexed concentric neutral cables rated 5 to 46 kV which are used for the transmission and distribution of electrical energy.

Single copy price: \$220.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-97-682-2012/\(A\)%20ANSI%20Forms%20and%20Information%20to%20ANSI/S-97-682%20compare.pdf](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-97-682-2012/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/S-97-682%20compare.pdf)

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

NEMA (National Electrical Manufacturers Association)**New Standard**

BSR/NEMA AB 3-201x, Molded Case Circuit Breakers and Their Application (new standard)

NEMA AB 3-2012 application guide covers molded case circuit breakers (MCCB) and molded case switches, single and multiple pole, fused and unfused together with accessories used with them

Single copy price: Free

Obtain an electronic copy from: gary.macfadden@nema.org

Order from: Gary MacFadden, (703) 841 3253, gary.macfadden@nema.org

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

NISO (National Information Standards Organization)**Revision**

BSR/NISO Z39.7-201X, Information Services and Use: Metrics & Statistics for Libraries and Information Providers -- Data Dictionary (revision of ANSI/NISO Z39.7-2004)

This standard identifies categories for basic library statistical data reported at the national level, and provides associated definitions of terms.

Single copy price: \$55.00

Obtain an electronic copy from: <http://www.niso.org/standards/z39-7-201x/>

Order from: Cynthia Hodgson, (301) 654-2512, hodgsonca@verizon.net

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

SCTE (Society of Cable Telecommunications Engineers)**New Standard**

BSR/SCTE 187-1-201x, Stereoscopic 3D Formatting and Coding for Cable (new standard)

This document defines the video-related formatting, and encoding parameters for high-definition frame-compatible stereoscopic 3D content for distribution on cable television systems. Encoding parameters and constraints defined by this specification can be applied to different content types, including broadcast programming, switched digital video (SDV), VOD content, and advertising content to be inserted into broadcast or VOD content.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**New Standard**

BSR/SCTE 187-2-201x, Stereoscopic 3D PSI Signaling (new standard)

This document defines the transport and signaling for high-definition frame-compatible stereoscopic 3D content for distribution on cable television systems. Transport parameters and constraints defined by this specification can be applied to different content types, including broadcast programming, switched digital video (SDV), VOD content, and advertising content to be inserted into broadcast or VOD content.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**New Standard**

BSR/SCTE 187-3-201x, Informative Guidance for Stereoscopic Video (new standard)

This document provides informative guidance for the construction or production of stereoscopic 3D programming material intended for transmission or distribution using the frame-compatible stereoscopic 3D format defined in part 1 [SCTE 187-1] and part 2 [SCTE 187-2] of this standard.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SHRM (Society for Human Resource Management)**New Standard**

BSR/SHRM 06002-200x, Workforce Planning (new standard)

Standard is designed as a proposed minimum set of data analyses required to project future hiring needs.

Single copy price: Free

Obtain an electronic copy from: http://hrstandardsworkspace.shrm.org/apps/group_public/document.php?document_id=6697&wg_abbrev=swpt06

Order from: lee.webster@shrm.org

Send comments (with copy to psa@ansi.org) to: http://hrstandardsworkspace.shrm.org/apps/group_public/document.php?document_id=6697&wg_abbrev=swpt06

TAPPI (Technical Association of the Pulp and Paper Industry)**New Standard**

BSR/TAPPI T 441 om-201x, Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (new standard)

This method describes a procedure for determining the quantity of water absorbed by nonbibulous paper, paperboard, and corrugated fiberboard in a specified time under standardized conditions.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TIA (Telecommunications Industry Association)**New Standard**

BSR/TIA 455-12-B-200x, Fluid Immersion Test for Fiber Optic Components (new standard)

The intent of this test is to establish the ability of a fiber optic component (cable, connecting device, etc.) to resist degradation when exposed to specific fluids with which the component may come into contact during its service life. (Note: For fluid immersion testing of optical fiber, refer to FOTP -741). The primary tests defined herein are for accelerated aging and continuous immersion evaluation by complete immersion of samples for specified times at specified temperatures. A secondary method is defined only for non-Military cables and defines proximity or periodic exposure. This test is a "wet patch" test and is only used if specified by the Detail Specification.

Single copy price: \$89.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**New Standard**

BSR/TIA 4966-201x, Telecommunications Infrastructure Standard for Educational Facilities (new standard)

This Standard specifies telecommunications infrastructure requirements for educational buildings and spaces. It specifies cabling, cabling topologies, and cabling distances – all of which are intended to support a wide range of services and systems. Additionally, pathways and spaces (e.g. sizing and location), and ancillary requirements are addressed. Modern digital telecommunications in educational buildings requires a robustly designed building infrastructure to support the numerous systems that rely on the electronic transport of information. The purpose of this standard is to enable designers to incorporate these relevant telecommunications transport mechanisms within the design of educational buildings and spaces. It is intended to enable the planning of a structured cabling system that can be used with a multitude of services and systems used in educational buildings and spaces.

Single copy price: \$125

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-31C-1994 (R201x), Proof Testing Optical Fibers by Tension (reaffirmation of ANSI/TIA 455-31C-1994 (R2005))

This test method describes procedures for briefly applying a specified tensile load to continuous lengths of all Class I and Class IV, glass/glass optical fibers. This FOTP should not be applied to Class II (glass/plastic) and Class III (all-plastic) fibers. This method is intended to ensure a minimum strength for fiber that survives proof testing. The minimum strength is a key parameter for determining the minimum survival time at loads less than the minimum strength. This method is intended to ensure a minimum strength for fiber that survives proof testing.

Single copy price: \$73.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-33B-2005 (R201x), FOTP33 - Optical Fiber Cable Tensile Loading and Bending (reaffirmation of ANSI/TIA 455-33B-2005)

This test is intended to verify the ability of an optical fiber cable to perform satisfactorily as required by Detail Specifications (a) while undergoing tensile and bending forces and (b) after undergoing tensile and bending forces.

Single copy price: \$70.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-37A-1993 (R201x), Low or High Temperature Bend Test (reaffirmation of ANSI/TIA 455-37A-1993 (R2005))

This revision of FOTP -37 significantly expands the scope of the original issue by increasing the number of test procedures options.

Single copy price: \$82.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-39B-1999 (R201x), Fiber Optic Cable Water Wicking Test (reaffirmation of ANSI/TIA 455-39B-1999 (R2005))

This procedure is generally not intended for use on cables containing water swellable tapes, powders, or yarns. Swellable materials must absorb water in order to swell and build a block to further penetration of water. This test method may be used to look at the water wicking characteristics of such cables, however it must be understood that a certain amount of water absorption is necessary for such cables to pass water penetration requirements.

Single copy price: \$63.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-57-B-1994 (R201x), Preparation and Examination of Optical Fiber Endface for Testing Purposes (reaffirmation of ANSI/TIA 455-57-B-1994 (R2005))

This procedure provides guidelines for acceptable optical fiber endface appearance and defines the techniques that are commonly employed to obtain such appearance. This procedure is intended to promote uniformity in fiber end preparation quality for testing purposes only and does not address issues associated with endface preparation and examination for the purposes of permanent termination (i.e., connectorization and splicing). This FOTP is not intended to require examination of every fiber end, nor is it intended to establish firm requirements, and is made available only to provide guidelines for various levels of end quality that may be called out in other FOTPs. Lastly, the intent of this method shall not be confused with the intent of FOTP-179, which is concerned primarily with the comparison of relative results.

Single copy price: \$82.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-85A-1992 (R201x), Fiber Optic Cable Twist Test (reaffirmation of ANSI/TIA 455-85A-1992 (R2005))

This test is to establish the ability of a fiber optic cable (or fiber optic cable component, when appropriate) to mechanically withstand twisting.

Single copy price: \$71.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-86-1983 (R201x), Fiber Optic Cable Jacket Shrinkage (reaffirmation of ANSI/TIA 455-86-1983 (R2005))

This method describes a procedure for determining the linear dimensional changes in extruded plastic cable jackets at elevated temperatures..

Single copy price: \$60.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-141-1999 (R201x), Twist test for optical fiber ribbons (reaffirmation of ANSI/TIA 455-141-1999 (R2005))

This test procedure provides conditions in which an optical fiber ribbon may be twisted in the presence of an applied tensile load. The twisting is performed dynamically over a short period of time under a fixed load condition. The performance of the ribbon is determined by its ability to withstand the test without structural failure.

Single copy price: \$70.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-162A-1999 (R201x), FOTP-162 Optical Fiber Cable Temperature-Humidity Cycling (reaffirmation of ANSI/TIA 455-162A-1999 (R2005))

This test procedure applies to the testing of optical fiber cable. Related tests for connectors and other devices which may be connected to cables under test are discussed in 1.5.

Single copy price: \$67.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

TIA (Telecommunications Industry Association)**Reaffirmation**

BSR/TIA 455-183-2000 (R201x), Hydrogen Effects on Optical Fiber Cable (reaffirmation of ANSI/TIA 455-183-2000 (R2005))

The test procedure is intended to provide a type test which characterizes the effect on fiber attenuation due to hydrogen generated by the cable components only. The data must be used cautiously since such data does not account for potential generation of hydrogen from other sources in the installed environment.

Single copy price: \$82.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA)

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

UL (Underwriters Laboratories, Inc.)**New National Adoption**

BSR/UL 60335-2-3-201x, Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons (national adoption of IEC 60335-2-3 with modifications and revision of ANSI/UL 60335-2-3-2009)

1. Update to UL 60335-2-3 to align it with the 5th edition of UL 60335-1

Single copy price: \$Contact Comm-2000 for pricing and delivery options

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

Order from: comm2000

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UL (Underwriters Laboratories, Inc.)**New Standard**

BSR/UL 644-201X, Standard for Safety for Container Assemblies for LP-Gas (new standard)

aboveground, underground, and interchangeable (aboveground or underground) stationary container assemblies for liquefied petroleum gases

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UL (Underwriters Laboratories, Inc.)**New Standard**

BSR/UL 1417-201x, Standard for Safety for Special Fuses for Radio- and Television-Type Appliances (new standard)

ANSI approval of UL 1417, which covers special types of fuses not covered by separate requirements and that are for use in radio- and television-type appliances where they are relied upon to limit power or current, or both. These requirements also apply to holders intended to accept such special fuses, where the holder may be an integral part of the fuse design.

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UL (Underwriters Laboratories, Inc.)**New Standard**

BSR/UL 2595-201x, Standard for General Requirements for Battery-Powered Appliances (new standard)

1. The Proposed First Edition of the Standard for General Requirements for Battery-Powered Appliances, UL 2595.

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UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 1715-2003 (R201x), Standard for Fire Test of Interior Finish Material (reaffirmation of ANSI/UL 1715-2003 (R2008))

The following is being proposed: 1. Reaffirmation and Continuance of the Third Edition of the Standard for Fire Test of Interior Finish Material, UL 1715, as an American National Standard

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VC (ASC Z80) (The Vision Council)**New Standard**

BSR Z80.7-201x, Intraocular Lenses (new standard)

This standard applies to monofocal intraocular lenses (IOLs) whose primary indication is the correction of aphakia. This standard addresses the vocabulary, optical properties and test methods, mechanical properties and test methods, biocompatibility, sterility, shelf-life and transport stability, and clinical investigations necessary for this type of device.

Single copy price: \$56.00

Obtain an electronic copy from: arobinson@thevisioncouncil.org

Order from: Amber Robinson, (703) 740-1094, arobinson@thevisioncouncil.org

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

VITA (VMEbus International Trade Association (VITA))***New Standard***

BSR/VITA 66.2-201x, Optical Interconnect on VPX - ARINC 801 Termini Variant (new standard)

The objective of this standard is to define a family of blind mate Fiber Optic interconnects for use with VPX backplanes and plug-in modules.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

VITA (VMEbus International Trade Association (VITA))***Reaffirmation***

BSR/VITA 46.1-2007 (R201x), VMEbus Signal Mapping on VPX (reaffirmation of ANSI/VITA 46.1-2007)

This standard defines a signal mapping for the VMEbus on ANSI/VITA 46.0, VPX Baseline Standard.

Single copy price: \$50.00

Obtain an electronic copy from: www.vita.com

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VITA (VMEbus International Trade Association (VITA))***Stabilized Maintenance***

BSR/VITA 38-2003 (S201x), System Management on VME (stabilized maintenance of ANSI/VITA 38-2003 (R2008))

This standard describes a methodology for using IPMI for System Management of VME systems.

Single copy price: \$25.00

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Send comments (with copy to psa@ansi.org) to: techdir@vita.com

Comment Deadline: January 1, 2013**IEEE (Institute of Electrical and Electronics Engineers)*****Addenda***

BSR/IEEE 802.16p-201x, Standard for Air Interface for Broadband Wireless Access Systems--Amendment 1: Enhancements to Support Machine-to-Machine Applications (addenda to ANSI/IEEE 802.16-2009)

This amendment specifies IEEE Std 802.16 medium access control (MAC) enhancements and minimal orthogonal frequency division multiple access (OFDMA) physical layer (PHY) modifications in licensed bands to support lower power consumption at the device, support by the base station of significantly larger numbers of devices, efficient support for small burst transmissions, and improved device authentication.

Single copy price: \$pdf: 5.00; printed: 99.00

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IEEE (Institute of Electrical and Electronics Engineers)***Addenda***

BSR/IEEE 1609.3-2010/Cor 1-201x, Standard for Wireless Access in Vehicular Environments (WAVE)--Networking Services Corrigendum 1: Miscellaneous Corrections (addenda to ANSI/IEEE 1609.3-2010)

The scope of this standard is the specification of network and transport layer protocols and services that support multi-channel wireless connectivity between IEEE 802.11 Wireless Access in Vehicular Environments (WAVE) devices.

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IEEE (Institute of Electrical and Electronics Engineers)***New National Adoption***

BSR/IEEE 1453.1-201x, Guide--Adoption of IEC/TR 61000-3-7:2008, Electromagnetic compatibility (EMC)--Limits--Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems (identical national adoption of IEC/TR 61000-3-7:2008)

This part of IEC 61000 provides guidance on principles which can be used as the basis for determining the requirements for the connection of fluctuating installations to MV, HV and EHV public power systems (LV installations are covered in other IEC documents). For the purposes of this report, a fluctuating installation means an installation (which may be a load or a generator) that produces voltage flicker and / or rapid voltage changes. The primary objective is to provide guidance to system operators or owners on engineering practices which will facilitate the provision of adequate service quality for all connected customers.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 802.1AC-201x, Standard for Local and metropolitan area networks-Media Access Control (MAC) Service Definition (new standard)

The scope of this standard is to define the Media Access Control (MAC) Service provided by all IEEE 802 MACs, and the Internal Sublayer Service (ISS) provided within MAC Bridges, in abstract terms of: a) their semantics, primitive actions and events; and b) the parameters of, interrelationship between, and valid sequences of, these actions and events.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 802.16.1-201x, Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems (new standard)

This standard specifies the WirelessMAN-Advanced air interface, including the medium access control layer (MAC) and physical layer (PHY), of a broadband wireless access (BWA) system supporting multiple services. The WirelessMAN-Advanced air interface supports ITU's IMT-Advanced requirements.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 802.16.1b-201x, Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems Amendment 1: Enhancements to Support Machine-to-Machine Applications (new standard)

This amendment specifies medium access control (MAC) enhancements and minimal WirelessMAN-Advanced physical layer (PHY) modifications in licensed bands to support lower power consumption at the device, support by the base station of significantly larger numbers of devices, efficient support for small burst transmissions, and improved device authentication.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 802.22.2-201x, Recommended Practice for Information Technology - Telecommunications and information exchange between systems Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22.2: Installation and Deployment of IEEE 802.22 Systems (new standard)

This document recommends best engineering practices for the installation and deployment of IEEE 802.22 systems to help assure that such systems are correctly installed and deployed.

Single copy price: \$pdf: 5.00

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1128-201x, Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 5 GHz (new standard)

The purpose of this recommended practice is to recommend realistic and repeatable criteria, as well as recommended test methods, to characterize the absorption properties of typical anechoic chamber linings applied to a metallic surface. This recommended practice covers the parameters and test procedures for the evaluation of radio-frequency (RF) absorbers to be used for radiated emissions and radiated susceptibility testing of electronic products, in the absorber manufacturer and/or absorber user environment, over the frequency range of 30 MHz to 5 GHz.

Single copy price: \$pdf: 115; printed: 133

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1149.8.1-201x, Standard for Boundary-Scan-Based Stimulus of Interconnections to Passive and/or Active Components (new standard)

This standard specifies extensions to IEEE Std 1149.1 that define the boundary-scan structures and methods required to facilitate boundary-scan-based stimulus of interconnections to passive and/or active components. Such networks are not adequately addressed by existing standards, including those networks that are AC-coupled or differential. The selective AC stimulus generation enabled by this standard, when combined with non-contact signal sensing, will allow testing of the connections between devices adhering to this standard and circuit elements such as series components, sockets, connectors, and integrated circuits that do not implement IEEE Std 1149.1.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1377-201x, Standard for Utility Industry Metering Communication Protocol Application Layer (End Device Data Tables) (new standard)

This Standard defines a Table structure for utility application data to be passed between an End Device and any other device. It neither defines device design criteria nor specifies the language or protocol used to transport that data. The Tables defined in this standard represent data structure that shall be used to transport the data, not necessarily the data storage format used inside the End Device.

Single copy price: \$pdf: 309

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1609.12-201x, Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations (new standard)

This standard specifies allocations of WAVE identifiers defined in the IEEE 1609(TM) series of standards.

Single copy price: \$pdf: 65; printed: 80

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1680.2-201x, Standard for Environmental Assessment of Imaging Equipment (new standard)

This Standard defines environmental performance standards for imaging equipment (as defined by the U.S. ENERGY STAR[®] 1 Imaging Equipment Specification) including copiers, digital duplicators, facsimile machines, multifunction devices, printers, mailing machines and scanners, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, lifecycle extension, energy conservation, end of life management, corporate performance, packaging, consumables and indoor air quality.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1680.3-201x, Standard for Environmental Assessment of Televisions (new standard)

This Standard defines environmental performance for televisions, television combination units, and component television units, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, lifecycle extension, energy conservation, end of life management, corporate performance, and packaging. This Standard applies to products that are primarily marketed as televisions, and does NOT cover computer displays as defined by IEEE 1680.1TM.

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1720-201x, Recommended Practice for Near-Field Antenna Measurements (new standard)

This document describes near-field test practices for the measurement of antenna properties. It provides information on developments in near-field measurements that have occurred since the writing of IEEE Std 149-1979 (IEEE Standard Test Procedures for Antennas). This document recommends near-field measurement practices for the three principal geometries: cylindrical, planar, and spherical and also recommends measurement practices for the calibration of probes used as reference antennas in near-field measurements.

Single copy price: \$n/a

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1826-201x, Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated Above 100 kW (new standard)

This standard identifies Open System Interfaces for High Power Electronics Equipment used in Zonal Electrical Distribution Systems rated above 100 kW. The required Power, Monitoring, Information Exchange, Control, and Protection Interfaces are based on technological maturity, accepted practices and allowances for future technology insertions. The standard also defines how Openness of System should be verified and validated through rigorous assessment mechanism, interface control management and proactive conformance testing to enable plug-and-play operability independently of components origin.

Single copy price: \$pdf: 85; printed: 105

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 1851-201x, Standard for Design Criteria of Integrated Sensor-Based Test Applications for Household Appliances (new standard)

This standard defines an integrated framework of the test software for household appliances. It specifies the test environment, the test information as well as the means to acquire the information (either web services or a data-exchange file).

Single copy price: \$pdf: 75; printed: 90

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 2200-201x, Standard Protocol for Stream Management in Media Client Devices (new standard)

This standard will define reference architectures and interfaces for intelligently routing and replicating content over heterogeneous networks to portable devices with local storage, without disrupting content providers' direct relationship with end users.

Single copy price: \$pdf: 195; printed: 240

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 11073-00103-201x, Health informatics - Personal health device communication Part 00103: Overview (new standard)

Within the context of the ISO/IEEE 11073 family of standards for device communication, this guideline describes the landscape of transport-independent applications and information profiles for personal telehealth health devices. These profiles define data exchange, data representation, and terminology for communication between personal health devices and compute engines (e.g. health appliances, set top boxes, cell phones, personal computers).

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 11073-10103-201x, Health informatics--Point-of-care medical device communication Part 10103: Nomenclature--Implantable device, cardiac (new standard)

This project extends the base nomenclature provided in IEEE 11073 to support terminology for implantable cardiac devices. Devices within the scope of this nomenclature are implantable devices such as pacemakers, defibrillators, devices for cardiac resynchronization therapy, and implantable cardiac monitors.

Single copy price: \$pdf: 135; printed: 165

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE 80005-1-201x, Utility Connections in Port--Part 1: High Voltage Shore Connection (HVSC) Systems--General requirements (new standard)

This part of IEC 80005 describes high voltage shore connection (HVSC) systems, on board the ship and on shore, to supply the ship with electrical power from shore.

Single copy price: \$pdf: 225; printed: 280

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE C57.154-201x, Standard for the Design, Testing and Application of Liquid-Immersed Distribution, Power and Regulating Transformers Using High-Temperature Insulation Systems and Operating at Elevated Temperatures (new standard)

This standard applies to all liquid-immersed distribution, power and regulating transformers that are designed to operate at temperatures that exceed the normal thermal limits of C57.12.00, under continuous load, in the designed average ambient and at rated conditions.

Single copy price: \$n/a

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IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

BSR/IEEE C62.50-201x, Standard for Performance Criteria and Test Methods for Plug-in (Portable) Multiservice (Multiport) Surge-Protective Devices for Equipment Connected to a 120 V/240 V Single Phase Power Service and Metallic Conductive Communication Line(s) (new standard)

The scope of this standard is to define performance criteria and test methods for Plug-in (Portable) Multiservice (Multiport) Surge Protective Devices (MSPD) intended to protect equipment connected to one or more metallic conductive communication line(s) and a 120/240 V single phase AC Power Service, with the neutral grounded at the service equipment.

Single copy price: \$n/a

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IEEE (Institute of Electrical and Electronics Engineers)***Reaffirmation***

BSR/IEEE 95-2002 (R201x), Recommended Practice for Insulation Testing of AC Electric Machinery (2300 V and Above) With High Direct Voltage (reaffirmation of ANSI/IEEE 95-2002 (R2007))

This recommended practice provides uniform methods for testing insulation with high direct voltage. It applies to stator (armature) windings of ac electric machines rated 2300 V or higher. It covers acceptance testing of new equipment in the factory or in the field after installation, and routine maintenance testing of machines that have been in service.

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 139-1988 (R201x), Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on User's Premises (reaffirmation of)

This document describes equipment inspection and radio frequency (rf) electromagnetic field measurement procedures for evaluation of rf industrial, scientific, and medical (ISM) equipment installed in the user's facility.

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 260.3-1993 (R201x), Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology (reaffirmation of ANSI/IEEE 260.3-1993 (R2006))

Only signs and symbols used in writing mathematical text are contained in this Standard. Special symbols peculiar to certain branches of mathematics, such as non-Euclidean Geometries, Abstract Algebras, Topology, and Mathematics of Finance, which are not ordinarily applied to the physical sciences and engineering, have been omitted. Because there is no consensus in the literature for signs and symbols used in tensor analysis, the subject of tensors is relegated to future editions when there is general agreement among authorities in the field.

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 299-2006 (R201x), Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures (reaffirmation of ANSI/IEEE 299-2006)

This standard provides uniform measurement procedures for determining the effectiveness of electromagnetic (EM) shielding enclosures at frequencies from 9 kHz to 18 GHz (extendable down to 50 Hz and up to 100 GHz).

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 475-2000 (R201x), Standard Measurement Procedure for Field Disturbance Sensors 300 MHz to 40 GHz (reaffirmation of ANSI/IEEE 475-2000 (R2006))

This standard defines test procedures for microwave field disturbance sensors to measure radio frequency (RF) radiated field strength of the fundamental frequency, harmonic frequencies, near field power flux density, and nonharmonic spurious emissions of sensors operating within the frequency range of 300 MHz to 40 GHz.

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 1560-2005 (R201x), Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz (reaffirmation of ANSI/IEEE 1560-2005)

The scope of this standard is to develop a standard method of measurement for evaluating the electromagnetic and radio frequency suppression capability of power-line filters in the frequency range of 100 Hz to 10 GHz.

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IEEE (Institute of Electrical and Electronics Engineers)**Reaffirmation**

BSR/IEEE 1620.1-2006 (R201x), Standard for Test Methods for the Characterization of Organic Transistor-Based Ring Oscillators (reaffirmation of ANSI/IEEE 1620.1-2006)

This standard describes a method for characterizing organic electronic transistor-based ring oscillators, including measurement techniques, methods of reporting data, and the testing conditions during characterization.

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 802.16-201x, Standard for Air Interface for Broadband Wireless Access Systems (revision of ANSI/IEEE 802.16-2009)

This standard specifies the air interface, including the medium access control layer (MAC) and physical layer (PHY), of combined fixed and mobile point-to-multipoint broadband wireless access (BWA) systems providing multiple services. The MAC is structured to support the WirelessMAN-SC, WirelessMAN-OFDM, and WirelessMAN-OFDMA PHY specifications, each suited to a particular operational environment.

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 1366-201x, Guide for Electric Power Distribution Reliability Indices (revision of ANSI/IEEE 1366-2003)

This guide identifies distribution reliability indices and factors that affect their calculation. It includes indices, which are useful today, as well as ones that may be useful in the future. The indices are intended to apply to distribution systems, substations, circuits, and defined regions.

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Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE 1815-201x, Standard for Electric Power Systems Communications-Distributed Network Protocol (DNP3) (revision of ANSI/IEEE 1815-2010)

The DNP3 protocol structure, functions, and interoperable application options (subset levels) are specified. The simplest application level is intended for low-cost distribution feeder devices, and the most complex for full-featured systems. The appropriate level is selected to suit the functionality required in each device. The protocol is suitable for operation on a variety of communication media consistent with the makeup of most electric power communication systems.

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C37.17-201x, Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers (revision and redesignation of ANSI C37.17-1997 (R2003))

This standard pertains to the requirements for direct acting current and voltage protective functions of: a) direct-acting overcurrent electromechanical trip devices b) direct-acting overcurrent electronic trip systems c) reverse-current trip systems for dc circuit breakers d) undervoltage trip devices that are integral with low-voltage ac and dc power circuit breakers covered by IEEE Std C37.13, IEEE Std C37.14, and IEEE Std C37.16.

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C37.60-201x, High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV (revision of ANSI/IEEE C37.60-2003)

This part of IEC 62271 applies to all overhead, pad mounted, dry vault and submersible single or multi-pole alternating current automatic circuit reclosers and fault interrupters for rated maximum voltages above 1 000 V and up to 38 kV.

Single copy price: \$pdf: 250; printed: 310

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C37.90.1-201x, Standard for Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus (revision of ANSI/IEEE C37.90.1-2002)

This standard specifies design tests for relays and relay systems that relate to the immunity of this equipment to repetitive electrical transients. Two types of tests are specified. The oscillatory and fast transient SWC tests are defined as distinct tests. However, it is not intended to prohibit a combined test, provided all requirements of the individual SWC tests are met.

Single copy price: \$pdf: 85; printed: 105

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IEEE (Institute of Electrical and Electronics Engineers)**Revision**

BSR/IEEE C37.104-201x, Guide for Automatic Reclosing of Circuit Breakers for AC Distribution and Transmission Lines (revision of ANSI/IEEE C37.104-2002)

This guide documents present practices regarding the application of automatic reclosing control to line circuit breakers. Both transmission and distribution line practices are addressed. The guide is not intended to provide guidance for the operation of the bulk power system in matters of reclosing, such as enabling or disabling automatic reclosing or providing for manual closures following automatic tripping of an element.

Single copy price: \$pdf: 75; printed: 90

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Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

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.

<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8274 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASIS ASIS International 1625 Prince Street Alexandria, VA 22314-2818 Phone: (703) 518-1439 Fax: (703) 518-1517 Web: www.asisonline.org</p>	<p>ECA Electronic Components Association 2214 Rock Hill Rd, Suite 170 Herndon, VA 20170 Phone: (571) 323-0253 Fax: (571) 323-0245 Web: www.eciaonline.org</p>	<p>NBBPVI National Board of Boiler and Pressure Vessel Inspectors 1055 Crupper Avenue Columbus, OH 43229-1183 Phone: (614) 888-8320 Fax: (614) 847-1828 Web: www.nationalboard.org</p>
<p>ABYC American Boat and Yacht Council 613 Third Street Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Fax: (410) 990-4466 Web: www.abycinc.org</p>	<p>ASME American Society of Mechanical Engineers 3 Park Avenue, 20th Floor (20N2) New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>HI Hydraulic Institute 6 Campus Drive, 1st Fl North Parsippany, NJ 07054 Phone: (973) 267-9700 Ext 123 Fax: (973) 267-9055 Web: www.pumps.org</p>	<p>NEMA (ASC C29) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: 703-841-3297 Fax: 703-841-3397 Web: www.nema.org</p>
<p>ACMA American Composites Manufacturers Association 1010 North Glebe Road Arlington, VA 43025 Phone: (740) 928-3286 Fax: (740) 525-0743 Web: www.icpa-hq.org</p>	<p>ASPE American Society of Plumbing Engineers 2980 S. River Road Des Plaines, IL 60018 Phone: (847) 296-0002 Fax: (847) 296-2963 Web: www.aspe.org</p>	<p>HPVA Hardwood Plywood & Veneer Association 1825 Michael Faraday Drive Reston, VA 20190 Phone: (703) 435-2900 ext.127 Fax: (703) 435-2537 Web: www.hpva.org</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1847 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3377 Web: www.nema.org</p>
<p>APA APA - The Engineered Wood Association 7011 South 19th Street Tacoma, WA 98466 Phone: (253) 620-7467 Fax: (253) 565-7265 Web: www.apawood.org</p>	<p>AWEA jrdunlop@igc.org 448 Morgan Avenue South Suite 300 Minneapolis, MN 55405-2030 Phone: (612) 377-3270 Fax: (612) 374-2181 Web: www.awea.org</p>	<p>IEEE Institute of Electrical and Electronics Engineers (IEEE) 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-3854 Fax: (732) 796-6966 Web: www.ieee.org</p>	<p>NEMA (ASC C8) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: 703-841-3271 Fax: 703-841-3371 Web: www.nema.org</p>
<p>API American Petroleum Institute 1220 L Street NW Washington, DC 20005 Phone: 202-682-8073 Fax: 202-962-4797 Web: www.api.org</p>	<p>AWS American Welding Society 550 N.W. LeJeune Road Miami, FL 33126 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>IAR International Institute of Ammonia Refrigeration 1001 N. Fairfax Street, Suite 503 Alexandria, VA 22314 Phone: (703) 312-4200 Fax: (703) 312-0065 Web: www.iar.org</p>	<p>NEMA (Canvass) National Electrical Manufacturers Association 1300 North 17th Str., Suite 1752 Rosslyn, VA 22209 Phone: (703) 841 3253 Fax: (703) 841-3353 Web: www.nema.org</p>
<p>APSP Association of Pool and Spa Professionals 2111 Eisenhower Avenue Alexandria, VA 22314 Phone: (703) 838-0083 x150 Fax: (703) 549-0493 Web: www.apsp.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-6303 Web: www.awwa.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW, Suite 610 Washington, DC 20005 Phone: 202-626-5741 Fax: 202-638-4922 Web: www.incits.org</p>	<p>NISO National Information Standards Organization One North Charles Street, Suite 1905 Baltimore, MD 21201 Phone: (301) 654-2512 Fax: (410) 685-5278 Web: www.niso.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>CEA Consumer Electronics Association 1919 S. Eads St. Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4192 Web: www.ce.org</p>	<p>NACE NACE International, the Corrosion Society 1440 South Creek Drive Houston, TX 77084-4906 Phone: (281) 228-6287 Fax: (281) 228-6387 Web: www.nace.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>NACE NACE International, the Corrosion Society 1440 South Creek Drive Houston, TX 77084-4906 Phone: (281) 228-6287 Fax: (281) 228-6387 Web: www.nace.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>

SCTE

Society of Cable Telecommunications
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140 Philips Rd.
Exton, PA 19341
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Fax: (610) 363-7133
Web: www.scte.org

SHRM

Society for Human Resource
Management
1800 Duke Street
Alexandria, VA 22315
Phone: (703) 535-6047
Fax: (703) 535-6432
Web: www.shrm.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway South
Norcross, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA

Telecommunications Industry
Association
2500 Wilson Boulevard, Suite 300
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3411
Fax: (847) 664-3411
Web: www.ul.com/

VC (ASC Z80)

The Vision Council
225 Reinekers Lane, Suite 700
Alexandria, VA 22314
Phone: (703) 740-1094
Fax: (703) 548-4580
Web: www.thevisioncouncil.org

VITA

VMEbus International Trade
Association (VITA)
PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com/

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Hae Choe*

Phone: (703) 253-8268

Fax: (703) 276-0793

E-mail: HChoe@aami.org

BSR/AAMI EC71-2001 (R201x), Standard communications protocol - Computer assisted electrocardiography (reaffirmation of ANSI/AAMI EC71-2001 (R2007))

BSR/AAMI/ISO 5841-3-201x, Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers (identical national adoption of ISO 5841-3, 3rd ed. (under development))

BSR/AAMI/ISO 14708-2-201x, Implants for surgery -- Active implantable medical devices - Part 2: Cardiac pacemakers (identical national adoption of ISO 14708-2:2012)

BSR/AAMI/ISO 81060-1-2007 (R201x), Non-invasive sphygmomanometers - Part 1: Requirements and test methods for non-automated measurement type (reaffirmation of ANSI/AAMI/ISO 81060-1-2007)

ACMA (American Composites Manufacturers Association)

Office: 1010 North Glebe Road
Arlington, VA 43025

Contact: *Larry Cox*

Phone: (740) 928-3286

Fax: (740) 525-0743

E-mail: Lcox1225@gmail.com

BSR/AMCA/ICPA SS-1-2004-201x, Performance Standard for Solid Surface Materials (identical national adoption of ISO 191712)

AWEA (American Wind Energy Association)

Office: 448 Morgan Avenue South Suite 300
Minneapolis, MN 55405-2030

Contact: *John Dunlop*

Phone: (612) 377-3270

Fax: (612) 374-2181

E-mail: JDunlop@AWEA.org

BSR/AWEA SWT-1-201x, AWEA Small Wind Turbine Standard (new standard)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itc.org

INCITS/ISO/IEC 10646-2012, Information technology - Universal Coded Character Set (UCS) (identical national adoption of ISO/IEC 10646:2012 and revision of INCITS/ISO/IEC 10646-2012)

SHRM (Society for Human Resource Management)

Office: 1800 Duke Street
Alexandria, VA 22315

Contact: *Lee Webster*

Phone: (703) 535-6047

Fax: (703) 535-6432

E-mail: lwebster@shrm.org; HRSTDS@SHRM.ORG

BSR/SHRM 06002-200x, Workforce Planning (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Boulevard, Suite 300
Arlington, VA 22201

Contact: *Marianna Kramarikova*

Phone: (703) 907-7743

E-mail: standards@tiaonline.org

BSR/TIA 455-12-B-200x, Fluid Immersion Test for Fiber Optic Components (new standard)

BSR/TIA 455-31C-1994 (R201x), Proof Testing Optical Fibers by Tension (reaffirmation of ANSI/TIA 455-31C-1994 (R2005))

BSR/TIA 455-33B-2005 (R201x), FOTP33 - Optical Fiber Cable Tensile Loading and Bending (reaffirmation of ANSI/TIA 455-33B-2005)

BSR/TIA 455-37A-1993 (R201x), Low or High Temperature Bend Test (reaffirmation of ANSI/TIA 455-37A-1993 (R2005))

BSR/TIA 455-39B-1999 (R201x), Fiber Optic Cable Water Wicking Test (reaffirmation of ANSI/TIA 455-39B-1999 (R2005))

BSR/TIA 455-57-B-1994 (R201x), Preparation and Examination of Optical Fiber Endface for Testing Purposes (reaffirmation of ANSI/TIA 455-57-B-1994 (R2005))

BSR/TIA 455-85A-1992 (R201x), Fiber Optic Cable Twist Test (reaffirmation of ANSI/TIA 455-85A-1992 (R2005))

BSR/TIA 455-86-1983 (R201x), Fiber Optic Cable Jacket Shrinkage (reaffirmation of ANSI/TIA 455-86-1983 (R2005))

BSR/TIA 455-141-1999 (R201x), Twist test for optical fiber ribbons (reaffirmation of ANSI/TIA 455-141-1999 (R2005))

BSR/TIA 455-162A-1999 (R201x), FOTP-162 Optical Fiber Cable Temperature-Humidity Cycling (reaffirmation of ANSI/TIA 455-162A-1999 (R2005))

BSR/TIA 455-183-2000 (R201x), Hydrogen Effects on Optical Fiber Cable (reaffirmation of ANSI/TIA 455-183-2000 (R2005))

BSR/TIA 4966-201x, Telecommunications Infrastructure Standard for Educational Facilities (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 455 East Trimble Road
San Jose, CA 95131-1230

Contact: *Derrick Martin*

Phone: (408) 754-6656

Fax: (408) 754-6656

E-mail: Derrick.L.Martin@ul.com

STP 2024 (Standards Technical Panel for Signaling, Optical Fiber and Communications Raceways and Cable Routing Assemblies), STP 2024 seeks to broaden its membership base and is recruiting new participants in the following interest categories:

AHJ: Those involved in the regulation or enforcement of the requirements of codes and standards at a regional (e.g. state or province) and/or local level. The authority having jurisdiction may be a regional or local department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, state department of insurance official, labor department, or health department; building official; electrical inspector; or others having statutory authority.

Commercial/Industrial User: Organizations that use the product, systems, or service covered by the applicable standards under the STP in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representative of organizations that produce products, systems, or services covered by the standard, whose organization also use the product, system, or services, are not eligible for STP membership under this category.

Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the supply chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the supply chain category.

STP 2024 covers the following UL standard: UL 2024 (Optical Fiber and Communication Cable Raceway)

STP 857 (Standards Technical Panel for Busways), STP 857 seeks to broaden its membership base and is recruiting new participants in the following interest categories:

Commercial/Industrial User: Organizations that use the product, systems, or service covered by the applicable standards under the STP in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representative of organizations that produce products, systems, or services covered by the standard, whose organization also use the product, system, or services, are not eligible for STP membership under this category.

General Interest: Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by the STP, and other individuals, etc. that are not covered by the other participation categories.

Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the supply chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the supply chain category. STP 857 covers the following UL standard: UL 857 (Busway)

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.

APA (APA - The Engineered Wood Association)

Revision

- * ANSI/APA PRG 320-2010, Standard for Performance-Rated Cross-Laminated Timber (revision of ANSI/APA PRG 320-2011): 10/30/2012
- * ANSI/APA PRG 320-2010, Standard for Performance-Rated Cross-Laminated Timber (revision of ANSI/APA PRG 320-2011): 10/30/2012

API (American Petroleum Institute)

Revision

- ANSI/API MPMS CH. 14.3.3-2012, Orific Metering of Natural Gas and Other Related Hydrocarbon Fluids, Natural Gas Applications (revision of ANSI/API MPMS 14.3.3-2003 (R2009)): 10/25/2012
- ANSI/API MPMS CH. 14.3.3-2012, Orific Metering of Natural Gas and Other Related Hydrocarbon Fluids, Natural Gas Applications (revision of ANSI/API MPMS 14.3.3-2003 (R2009)): 10/25/2012

AWS (American Welding Society)

New Standard

- ANSI/AWS A9.5-2010, Guide for Verification and Validation in Computation Weld Mechanics (new standard): 10/30/2012
- ANSI/AWS A9.5-2010, Guide for Verification and Validation in Computation Weld Mechanics (new standard): 10/30/2012
- ANSI/AWS D14.9/D14.9M-2010, Specification for the Welding of Hydraulic Cylinders (new standard): 10/30/2012
- ANSI/AWS D14.9/D14.9M-2010, Specification for the Welding of Hydraulic Cylinders (new standard): 10/30/2012

Reaffirmation

- ANSI/AWS C4.6M (ISO 9013:2002)-2006 (R2010), Thermal Cutting - Classification of Thermal Cuts - Geometric Product Specification and Quality Tolerances (reaffirmation of ANSI/AWS C4.6M (ISO 9013:2002)-2006): 10/30/2012
- ANSI/AWS C4.6M (ISO 9013:2002)-2006 (R2010), Thermal Cutting - Classification of Thermal Cuts - Geometric Product Specification and Quality Tolerances (reaffirmation of ANSI/AWS C4.6M (ISO 9013:2002)-2006): 10/30/2012

Revision

- ANSI/AWS D15.2/D15.2M-2010, Recommended Practices for Welding of Rails and Related Rail Components for Use by Rail Vehicles (revision of ANSI/AWS D15.2/D15.2M-201x): 10/30/2012
- ANSI/AWS D15.2/D15.2M-2010, Recommended Practices for Welding of Rails and Related Rail Components for Use by Rail Vehicles (revision of ANSI/AWS D15.2/D15.2M-201x): 10/30/2012
- ANSI/AWS D17.2/D17.2M-2010, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2007): 10/30/2012
- ANSI/AWS D17.2/D17.2M-2010, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2007): 10/30/2012

AWWA (American Water Works Association)

Revision

- ANSI/AWWA C800-2010, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2005): 10/30/2012
- ANSI/AWWA C800-2010, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2005): 10/30/2012

CEA (Consumer Electronics Association)

New Standard

- * ANSI/CEA 2038-2012, Command-Driven Analog IR-Synchronized Active Eyewear (new standard): 10/25/2012
- * ANSI/CEA 2038-2012, Command-Driven Analog IR-Synchronized Active Eyewear (new standard): 10/25/2012

CSA (CSA Group)

Reaffirmation

- * ANSI Z21.66-1996 (R2012, CSA 6.14-1996 (R2012)), Automatic Vent Damper Devices for Use with Gas-Fired Appliances (same as CSA 6.14) (reaffirmation of ANSI Z21.66-1996 (R2007)): 10/25/2012
- * ANSI Z21.66-1996 (R2012, CSA 6.14-1996 (R2012)), Automatic Vent Damper Devices for Use with Gas-Fired Appliances (same as CSA 6.14) (reaffirmation of ANSI Z21.66-1996 (R2007)): 10/25/2012

ECA (Electronic Components Association)

New Standard

- * ANSI/EIA 965-2012, Specification for Mini Multilane 12 GBs 12X Shielded Connector (new standard): 10/25/2012
- * ANSI/EIA 965-2012, Specification for Mini Multilane 12 GBs 12X Shielded Connector (new standard): 10/25/2012

HI (Hydraulic Institute)

New Standard

- ANSI/HI 9.6.1-2012, Rotodynamic Pumps - Guideline for NPSH (new standard): 10/25/2012
- ANSI/HI 9.6.1-2012, Rotodynamic Pumps - Guideline for NPSH (new standard): 10/25/2012

HPVA (Hardwood Plywood & Veneer Association)

Revision

- * ANSI/HPVA EF 2012, Standard for Engineered Wood Flooring (revision of ANSI/HPVA EF 2009): 10/25/2012
- * ANSI/HPVA EF 2012, Standard for Engineered Wood Flooring (revision of ANSI/HPVA EF 2009): 10/25/2012

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

New Standard

- ANSI INCITS 496-2012, Information Technology - Fibre Channel - Security Protocols (FC-SP-2) (new standard): 10/25/2012

ANSI INCITS 496-2012, Information Technology - Fibre Channel - Security Protocols (FC-SP-2) (new standard): 10/25/2012

Withdrawal

ANSI INCITS 448-2008, Information Technology - SCSI Enclosure Services - 2 (SES - 2) (withdrawal of ANSI INCITS 448-2008): 10/25/2012

ANSI INCITS 448-2008, Information Technology - SCSI Enclosure Services - 2 (SES - 2) (withdrawal of ANSI INCITS 448-2008): 10/25/2012

NACE (NACE International, the Corrosion Society)

New Standard

ANSI/NACE Standard MR0103-2010, Materials Resistant to Sulfide Stress Cracking in Corrosive Petroleum Refining Environments (new standard): 10/30/2012

ANSI/NACE Standard MR0103-2010, Materials Resistant to Sulfide Stress Cracking in Corrosive Petroleum Refining Environments (new standard): 10/30/2012

NEMA (ASC C29) (National Electrical Manufacturers Association)

Reaffirmation

ANSI C29.12-1997 (R2012), Standard For Insulators-Composite-Suspension Type (reaffirmation of ANSI C29.12-1997 (R2002)): 10/25/2012

ANSI C29.12-1997 (R2012), Standard For Insulators-Composite-Suspension Type (reaffirmation of ANSI C29.12-1997 (R2002)): 10/25/2012

NSF (NSF International)

Revision

- * ANSI/NSF 330-2012 (i4), NSF/ANSI 330- Glossary of drinking water treatment unit terminology (revision of ANSI/NSF 330-2009): 10/7/2012
- * ANSI/NSF 330-2012 (i4), NSF/ANSI 330- Glossary of drinking water treatment unit terminology (revision of ANSI/NSF 330-2009): 10/7/2012

SCTE (Society of Cable Telecommunications Engineers)

New Standard

ANSI/SCTE 185-2012, Test Method for Cantilever Force, Female Port (new standard): 10/25/2012

ANSI/SCTE 185-2012, Test Method for Cantilever Force, Female Port (new standard): 10/25/2012

Revision

ANSI/SCTE 35-2010, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2011): 10/30/2012

ANSI/SCTE 35-2010, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2011): 10/30/2012

ANSI/SCTE 78-2012, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2007): 10/25/2012

ANSI/SCTE 78-2012, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2007): 10/25/2012

ANSI/SCTE 104-2010, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2011): 10/30/2012

ANSI/SCTE 104-2010, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2011): 10/30/2012

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 6420-2012, Standard for Safety for Equipment Used for System Isolation and Rated as a Single Unit (new standard): 10/19/2012

ANSI/UL 6420-2012, Standard for Safety for Equipment Used for System Isolation and Rated as a Single Unit (new standard): 10/19/2012

Revision

ANSI/UL 763-2012c, the Standard for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2012b): 10/24/2012

ANSI/UL 763-2012c, the Standard for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2012b): 10/24/2012

Project Initiation Notification System (PINS)

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

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

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

ABYC (American Boat and Yacht Council)

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Contact: *Helen Koepper*

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E-mail: hkoepper@abycinc.org

* BSR/ABYC A-3-201x, Galley Stoves (new standard)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade organizations, and Consumers

Project Need: This standard identifies safety issues with galley stoves.

This standard is a guide for the design, construction, installation and maintenance of galley stoves.

* BSR/ABYC A-6-201x, Refrigeration and Air Conditioning Equipment (new standard)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with refrigeration and air conditioning systems on boats.

This standard is a guide for the design, construction, and installation of refrigeration and air conditioning systems on boats.

* BSR/ABYC A-7-201x, Liquid and Solid Fueled Boat Heating Systems (new standard)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with liquid and solid fueled boat heating systems.

This standard is a guide for the design, construction, and installation of permanently installed boat accommodation space heating units and systems.

* BSR/ABYC A-30-201x, Cooking Appliance with Integral LPG Cylinders (new standard)

Stakeholders: Boat manufacturers, insurance personnel, surveyors, trade organizations, and consumers

Project Need: This standard identifies safety issues with cooking appliances with integral LPG cylinders

This standard is a guide for the design, construction, installation, and maintenance of cooking appliances with integral OLPG cylinders

BSR/ABYC H-2-201x, Ventilation of Boats Using Gasoline (new standard)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade organizations, and Consumers

Project Need: This standard identifies safety issues with ventilation systems in boats using gasoline.

This standard is a guide for the design, construction, and installation of both powered and natural ventilation systems for engine and fuel tank compartments of boats for the purpose of expelling or diluting potentially explosive gasoline vapor from a boat's interior.

* BSR/ABYC H-3-201x, Exterior Windows, Windshields, Hatches, Doors, Port Lights, and Glazing Materials (revision of ANSI/ABYC H-3-2008)

Stakeholders: Boat manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with Exterior Windows, Windshields, Hatches, Doors, Port Lights, and Glazing Materials

This standard is a guide for the design, construction, and installation of exterior windows, windshields, hatches, doors, port lights, and glazing materials.

* BSR/ABYC H-31-201x, Seat Structures (new standard)

Stakeholders: Boat manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with seat structures on boats.

This standard is a guide for the design, testing, construction, and installation of permanently installed seating systems in boats.

BSR/ABYC H-32-201x, Ventilation of Boats Using Diesel Fuel (revision of ANSI/ABYC H-32-2008)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade organizations, and Consumers

Project Need: This standard identifies safety issues with ventilation systems for boats using diesel fuel.

This standard is a guide for the design, construction, and installation of ventilation systems for boats using diesel fuel for the purpose of removal of fixed gaseous fire extinguishing system discharge, and/or combustion air, and/or any incidental additional uses.

* BSR/ABYC H-40-201x, Anchoring, Mooring, and Strong Points
(revision of ANSI/ABYC H-40-2008)

Stakeholders: Boat Manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with fittings and equipment for anchoring, mooring, docking, lifting, towing and trailering of boats.

This standard is a guide for the design, construction, selection, and installation of fittings and equipment for anchoring, mooring, docking, lifting, towing, and trailering of boats.

* BSR/ABYC H-41-201x, Reboarding Means, Ladders, Handholds, Rails, and Lifelines (revision of ANSI/ABYC H-41-2009)

Stakeholders: Boat manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with reboarding means, ladders, handholds, rails, and lifelines.

This standard is a guide for the design, construction, and installation of reboarding means, ladders, handhold devices, grab rails, lifelines, and slip resistant surfaces.

BSR/ABYC P-17-201x, Mechanical Steering Systems (new standard)

Stakeholders: Boat manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with mechanical steering systems.

This standard is a guide for the design and construction of remote mechanical cable steering systems and the major components thereof, covering design, construction, and installation of steering systems for outboard, inboard, sterndrive, and water jet drive boats.

BSR/ABYC P-18-201x, Cable Over Pulley Steering Systems for Outboard Engines (revision of ANSI/ABYC P-18-2008)

Stakeholders: Boat Manufacturers, Insurance Personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with cable over pulley steering systems for outboard engines.

This standard is a guide for the design and installation of cable over pulley steering systems.

* BSR/ABYC P-22-201x, Steering Wheels (new standard)

Stakeholders: Boat manufacturers, Insurance personnel, Surveyors, Trade Organizations, and Consumers

Project Need: This standard identifies safety issues with steering wheels for marine applications.

This standard is a guide for the design, construction, and installation of steering wheels for marine applications.

APSP (Association of Pool and Spa Professionals)

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* BSR/APSP-15-201x, Standard for Residential Swimming Pool and Spa Energy Efficiency (revision of ANSI/APSP-15-2011)

Stakeholders: Pool builders, installer, pool component and material suppliers, consumer and regulator authorities

Project Need: Revise standard in accordance with the latest testing, technology, and research on energy efficiency

Scope This standard covers energy efficiency requirements for permanently installed residential aboveground/onground and inground swimming pools and inground spas operated by the property owner and used for bathing. This standard is intended to cover certain aspects of the swimming pool filtration -system design; equipment, including pool and spa heaters; installation; and operational capabilities, for the purpose of minimizing energy consumption while maintaining water quality and temperature.

ASABE (American Society of Agricultural and Biological Engineers)

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St Joseph, MI 49085

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BSR/ASABE S624 MONYEAR-201x, Grain Bin Entry (new standard)

Stakeholders: All owners and users of steel grain bins

Project Need: This standard will direct bin manufactures to identify anchorage points on the bin that will allow the user to attach safety equipment to prevent them from falling through crusted grain or be pulled into flowing grain if they ignore other safety instructions.

Recommendations for new design parameters in grain storage facilities. Applies to corrugated and smooth wall steel bins with flat bottoms used to store various types of free flowing grain.

ASIS (ASIS International)

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BSR ASIS/SHRM INV.1-201X, Managing the Investigative Process - Guidance on Conducting Investigations (joint ASIS International and Society for Human Resource Management standard) (new standard)

Stakeholders: Internal and external investigations for organizations of all sizes and types: The Global Business Community; Not for Profit Organizations and Foundations; Educational Institutions; Government Agencies and Organizations; Professional Security Practitioners and Consultants, Private Investigators.

Project Need: Investigators must have the ability to observe all manner of objects and events in the context of a special purpose, and to draw useful information from those observations. The investigation should be conducted in a well-planned and organized fashion to deter the facts concerning specific events, occurrences, or conditions for a particular purpose. An investigation requires a competent Investigator, as well as a clearly defined subject of investigation and a purpose.

The Standard provides guidance for internal and external Investigators to maintain the quality and consistency of investigations and investigative reports. It will help investigators to conduct inquiries using a systematic approach, in an organized and well-documented manner. The standard will discuss managing an investigation program, as well as conducting individual investigations. The use of this standard will help reduce the risks that may be encountered during an investigation, therefore mitigating the impact to an organization's reputation as well as possible legal ramifications.

ASME (American Society of Mechanical Engineers)

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New York, NY 10016

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BSR/ASME HST-3M-201x, Performance Standard for Manually Lever Operated Chain Hoists (revision of ANSI/ASME HST-3M-1999 (R2010))

Stakeholders: Manufacturers, construction, hoist operators, designers

Project Need: To provide updated requirements for the HST-3 Standard.

(a) This Standard establishes performance requirements for manually lever operated chain hoists used for lifting, pulling, and tensioning-type applications.

(b) The specifications and information contained in this Standard apply to manually lever operated chain hoists of the following types:

- (1) ratchet and pawl operation with:
 - (a) roller-type load chain;
 - (b) welded link-type load chain.
- (2) friction brake operation with:
 - (a) roller-type load chain;
 - (b) welded link-type load chain.

(c) Manually lever operated hoists using wire rope as the lifting medium and specially insulated lever hoists designed for handling high voltage lines are not covered by this Standard.

(d) This Standard is applicable to hoists manufactured after the date on which this Standard is issued. This Standard is not applicable to:

- (1) damaged or malfunctioning hoists;
- (2) hoists that have been misused or abused;
- (3) hoists that have been altered without authorization of the

ASPE (American Society of Plumbing Engineers)

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BSR/ASPE 34-201x, Test Method to Evaluate the Recommended System Design Requirements for Roof Drainage Systems (new standard)

Stakeholders: Plumbing system designers, building code officials

Project Need: A research project by the ASPE Research Foundation and IAPMO found that the current method for sizing storm drainage systems is inaccurate, so a standardized test method based on the results of the project is needed to evaluate sizing guidelines to prevent roof failures.

The standard will outline the test protocol used to evaluate roof drainage system design requirements, including parameters such as flow rate through various sizes of drains, a straight piping arrangement and an offset piping arrangement, head height of water, and pressure in the stack.

AWEA (American Wind Energy Association)

Office: 448 Morgan Avenue South Suite 300
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Contact: *John Dunlop*

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* BSR/AWEA SWT-1-201x, AWEA Small Wind Turbine Standard (new standard)

Stakeholders: Consumers, manufacturers, government incentive program, testing organizations, certification organizations

Project Need: Establish an American National Standard for testing and evaluating small wind turbines; will use AWEA Standard 9.1 as the basis for the new standard.

The standard will provide standardized performance ratings and ensure that small wind turbines that meet the standard have been engineered to meet carefully considered requirements for safety and operation. The standard will reference and specify modifications to IEC 61400-2, IEC 61400-12-1 and IEC 61400-11. The standard will apply to electricity-producing wind turbine systems having a rotor swept area of 200 m² or less.

CSA (CSA Group)

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Cleveland, OH 44131

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BSR CSA HGV 4.1-201x, Hydrogen Dispensing Systems, same as HGV 4.1-201x (revision of ANSI/CSA HGV 4.1-2012)

Stakeholders: Consumers, Manufacturers, Gas suppliers, Certification Agencies

Project Need: Safety

This standard details mechanical and electrical requirements for newly manufactured systems that dispense hydrogen gas for vehicles, intended primarily to dispense fuel directly into the vehicle fuel storage container. Each dispenser may have the capability of independently fueling more than one vehicle simultaneously. This standard does not apply to the nozzle; vehicle to station communication; compression and ancillary equipment; hydrogen gas storage containers; vehicle fueling appliances for HGV remote station or Kiosk consoles and remote sequencing equipment; and other remote equipment not supplied as part of the dispenser.

BSR CSA HGV 4.2-201x, Hoses for Compressed Hydrogen Fuel Stations, Dispensers and Vehicle Fuel Systems, same as HGV 4.2-201x (revision of ANSI/CSA HGV 4.2-2012)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Safety

This standard contains safety requirements for the material, design, manufacture and testing of gaseous hydrogen hose and hose assemblies which are used as a part of the dispensing station to connect the dispenser to the refueling nozzle; used as part of a vehicle on-board fuel system; or used as vent lines which carry gas to a safe location for either vehicles or dispensing systems.

BSR CSA HGV 4.4-201x, Breakaway Devices for Compressed Hydrogen Dispensing Hoses and Systems, same as HGV 4.4-201x (revision of ANSI/CSA HGV 4.4-2012)

Stakeholders: Consumers, Manufacturers, Gas SupplConsumers, Manufacturers, Gas Suppliers, Certification Agenciesiers, Certification Agencies

Project Need: Safety

This standard contains safety requirements for the design, manufacture and testing of fueling hose breakaway devices for use in hydrogen gas fueling applications. This standard does not apply to: residential fueling facilities; vehicle fueling appliances for hydrogen gas vehicles; dispenser breakaway devices (shear valves); and vehicular breakaway components.

BSR CSA HGV 4.5-201x, Priority and Sequencing Equipment for Hydrogen Vehicle Fueling, same as HGV 4.5-201x (revision of ANSI/CSA HGV 4.5-2012)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Safety

This standard contains requirements for priority and sequencing equipment, which is part of a hydrogen gas vehicle fueling system.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 802.1Q-201X, Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks (revision of ANSI/IEEE 802.1Q-2012)

Stakeholders: Manufacturers, distributors, vendors, and users of Virtual LAN bridging equipment and components thereof.

Project Need: This revision project is needed in order to incorporate approved amendments and to ensure that consistency is maintained in the consolidated text. It is also necessary to complete the process of merging the MAC bridging technology defined in IEEE Std 802.1D with the VLAN Bridging technology defined in IEEE Std 802.1Q in order to create a single standard for IEEE 802 Bridging technologies that was started in the 2011 revision.

This standard specifies Media Access Control (MAC) Bridges that interconnect individual Local Area Networks (LANs), each supporting the IEEE 802 MAC service using a different or identical media access control method, to provide Bridged Local Area Networks and Virtual LANs (VLANs).

BSR/IEEE 802.11-201x, Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (revision of BSR/IEEE 802.11-2012)

Stakeholders: The stakeholders of this standard are the developers and users of the Wireless LAN devices, including service providers, manufacturers, health care workers, retail service providers, and many others.

Project Need: The reason for this project is to incorporate accumulated maintenance changes (editorial and technical corrections) into 802.11-2012, and roll up of approved amendments to the standard. The approved amendments as of the filing of the revision PAR include IEEE 802.11aa-2012 and IEEE 802.11ae-2012. Four additional amendments are currently under development.

The scope of this standard is to define one medium access control (MAC) and several physical layer (PHY) specifications for wireless connectivity for fixed, portable, and moving stations (STAs) within a local area.

BSR/IEEE 1264-201X, Guide for Animal Deterrents for Electric Power Supply Substations (revision of ANSI/IEEE 1264-2004 (R2009))

Stakeholders: Electric utilities, consultant engineering firms, other substation owners

Project Need: Intrusion by animals into electric supply substations has been a problem experienced by most of the electric utility industry. The costs associated with outages caused by animals continue to escalate. Although animal problems differ in nature geographically, the damage to equipment, interruption of or loss of service to customers, and safety problems encountered by operating personnel result in the same general concerns. This guide identifies various animals, the problems they cause and mitigation method

This guide documents methods and designs to mitigate interruptions and equipment damage resulting from animal intrusions into electric power supply substations, thereby improving reliability and minimizing the associated revenue loss.

BSR/IEEE 11073-10423-201x, Standard for Health informatics - Personal health device communication - Device specialization - Sleep Monitor (new standard)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g. hospitals, doctor offices, diet and fitness companies), payors (e.g. insurance companies), regulatory agencies (e.g. food and drug administration), telemedicine consultants and businesses.

Project Need: The complexity of personal health devices differs sufficiently from other ISO/IEEE 11073 point of care medical devices to require derivative standards so this standard is tailored to address the particular needs of the personal health market. Implementers of this standard will have a clear definition of what is required to implement a sleep monitor device. For end users, this standard addresses a market need to provide interoperability among personal health devices and managers.

This standard establishes a normative definition of the communication between personal health sleep quality monitor devices and managers (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability..... This standard defines a common core of communication functionality for personal health sleep monitor devices. In this context, sleep monitor devices are defined as devices that have successfully recorded the night's sleep-wake cycle (or possibly sleep stages and REM) and other qualitative and quantitative measures of sleep.

BSR/IEEE 23026-201X, Systems and software engineering - Engineering and management of websites for systems, software, and services information (revision and redesignation of ANSI/IEEE 2001-2002 (R2010))

Stakeholders: This IS applies to those using web technology to present information and communications and technology (ICT) information, such as user documentation for systems and software, life-cycle documentation for systems and software engineering projects, and documentation of policies, plans, and procedures for IT service management.

Project Need: This revision of ISO/IEC 23026 applies primarily to websites whose purpose is to deliver information about ICT systems, software, and services. It includes increased emphasis on the human factors concerns for making information easily retrievable and usable for the intended audience. It recommends practices for websites based on World Wide Web Consortium (W3C(R)) and related industry guidelines, which have changed significantly since the original version of this standard.

This International Standard (IS) defines system engineering and management requirements for the life cycle of websites including strategy, design, engineering, testing and validation, and management and sustainment for Intranet and Extranet environments. This IS applies to those using web technology to present information and communications and technology (ICT) information, such as user documentation for systems and software, life-cycle documentation for systems and software engineering projects, and documentation of policies, plans, and procedures for IT service management.

BSR/IEEE C57.12.40-201x, Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed) (revision of ANSI/IEEE C57.12.40-2006)

Stakeholders: Electric utilities, end users and equipment manufacturers.

Project Need: This standard is needed as a basis for establishing the performance, electrical and mechanical interchangeability, safety of the equipment covered, and to assist in the proper selection of such equipment.

This standard covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of three-phase, 60-Hz, liquid-immersed, self-cooled, network transformers with a primary grounding switch. These transformers are rated 2500 kVA and below with high voltages of 34 500 volts and below and secondaries of 600 volts and below. These transformers are generally used for step-down purposes from underground primary cables and supply a secondary network system through network protectors. These transformers are typically installed below ground level.

BSR/IEEE C62.39-201x, Standard for Test Methods and Preferred Values for Self-Restoring Current Limiter Components Used in Telecommunication Surge Protection (new standard)

Stakeholders: The stakeholders are telecom designers, standards makers, specifiers and test houses concerned with these components.

Project Need: None of the existing standards adequately cover the testing of self-restoring current limiters for use in Telecommunication Surge Protectors

This standard sets terms, test methods, test circuits, measurement procedures and preferred result values for series connected, self-restoring current limiter components used in low-voltage telecommunication circuit surge protection. It is only applicable for components in telecommunications circuits with sinusoidal ringing voltages up to 150 V rms at 15 Hz to 70 Hz and dc powering voltages up to 400 V...

NACE (NACE International, the Corrosion Society)

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NACE International
Houston, TX 77084

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BSR/NACE RP0104-2004 (R201x), The Use of Coupons for Cathodic Protection Monitoring Applications (reaffirmation of ANSI/NACE RP0104-2004)

Stakeholders: Individuals who design and maintain CP systems for buried or submerged pipelines, USTs, on-grade storage tank bottoms, reinforcing steel in concrete, water storage tanks, and various other structures in buried or aqueous environments

Project Need: The use of coupons for cathodic protection monitoring applications needs to be kept current.

Coupons are used to determine the level of corrosion protection provided by a cathodic protection (CP) system to a variety of structures, such as buried or submerged pipelines, underground storage tanks (USTs), aboveground (on-grade) storage tank bottoms, and steel in reinforced concrete structures. The purpose of this standard is to provide a method for evaluating the effectiveness of a CP system using coupons.

SCTE (Society of Cable Telecommunications Engineers)

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BSR/SCTE DVS 1070-201x, Digital Program Insertion - Advertising
Systems Interfaces, Part 10: Stream Restriction Data Model (SRDM)
(new standard)

Stakeholders: Cable Telecommunications Industry

Project Need: Create new standard

This document in conjunction with the SCTE 130 Part 10 Extensible Markup Language (XML) schema document defines the XML data model expressing stream restrictions. The Stream Restriction Data Model (SRDM) expresses the features, the attributes and the restrictions for a given context. That context may refer to a piece of entertainment content, an advertising asset, a VOD session or some other quantity of media. The application of the SRDM to a given context is out of scope for this document.

Information Concerning

ANSI Accredited Standards Developers

Procedural Revisions

American Water Works Association (AWWA),

Comment Deadline: December 3, 2012

The **American Water Works Association (AWWA)**, an ANSI Organizational Member, has submitted revisions to its currently accredited operating policies and procedures for documenting consensus on proposed *American National Standards*, last reaccredited in June 2012. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of AWWA's revised procedures or to offer comments, please contact:

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Sr. Manager of Standards
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You may view/download a copy of the revisions *during the public review period* at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>

Please submit any public comments on the revised policies and procedures to AWWA by **December 3, 2012**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthomps@ANSI.org)

Meeting Notice

ANSI-Accredited U.S. TAG to ISO/TC 229

Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 *Nanotechnologies* will meet on November 1 – November 2, 2012, at the Offices of Keller and Heckman in Washington, DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.



Standards Action Publishing Schedule for 2013, Volume No. 44

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/18/2012	12/24/2012	Jan-4	2/3/2013	2/18/2013	3/5/2013
2	12/25/2012	12/31/2012	Jan-11	2/10/2013	2/25/2013	3/12/2013
3	1/1/2013	1/7/2013	Jan-18	2/17/2013	3/4/2013	3/19/2013
4	1/8/2013	1/14/2013	Jan-25	2/24/2013	3/11/2013	3/26/2013
5	1/15/2013	1/21/2013	Feb-1	3/3/2013	3/18/2013	4/2/2013
6	1/22/2013	1/28/2013	Feb-8	3/10/2013	3/25/2013	4/9/2013
7	1/29/2013	2/4/2013	Feb-15	3/17/2013	4/1/2013	4/16/2013
8	2/5/2013	2/11/2013	Feb-22	3/24/2013	4/8/2013	4/23/2013
9	2/12/2013	2/18/2013	Mar-1	3/31/2013	4/15/2013	4/30/2013
10	2/19/2013	2/25/2013	Mar-8	4/7/2013	4/22/2013	5/7/2013
11	2/26/2013	3/4/2013	Mar-15	4/14/2013	4/29/2013	5/14/2013
12	3/5/2013	3/11/2013	Mar-22	4/21/2013	5/6/2013	5/21/2013
13	3/12/2013	3/18/2013	Mar-29	4/28/2013	5/13/2013	5/28/2013
14	3/19/2013	3/25/2013	Apr-5	5/5/2013	5/20/2013	6/4/2013
15	3/26/2013	4/1/2013	Apr-12	5/12/2013	5/27/2013	6/11/2013
16	4/2/2013	4/8/2013	Apr-19	5/19/2013	6/3/2013	6/18/2013
17	4/9/2013	4/15/2013	Apr-26	5/26/2013	6/10/2013	6/25/2013
18	4/16/2013	4/22/2013	May-3	6/2/2013	6/17/2013	7/2/2013
19	4/23/2013	4/29/2013	May-10	6/9/2013	6/24/2013	7/9/2013
20	4/30/2013	5/6/2013	May-17	6/16/2013	7/1/2013	7/16/2013
21	5/7/2013	5/13/2013	May-24	6/23/2013	7/8/2013	7/23/2013
22	5/14/2013	5/20/2013	May-31	6/30/2013	7/15/2013	7/30/2013
23	5/21/2013	5/27/2013	Jun-7	7/7/2013	7/22/2013	8/6/2013
24	5/28/2013	6/3/2013	Jun-14	7/14/2013	7/29/2013	8/13/2013
25	6/4/2013	6/10/2013	Jun-21	7/21/2013	8/5/2013	8/20/2013
26	6/11/2013	6/17/2013	Jun-28	7/28/2013	8/12/2013	8/27/2013
27	6/18/2013	6/24/2013	Jul-5	8/4/2013	8/19/2013	9/3/2013
28	6/25/2013	7/1/2013	Jul-12	8/11/2013	8/26/2013	9/10/2013



Standards Action Publishing Schedule for 2013, Volume No. 44

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadline			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
29	7/2/2013	7/8/2013	Jul-19	8/18/2013	9/2/2013	9/17/2013
30	7/9/2013	7/15/2013	Jul-26	8/25/2013	9/9/2013	9/24/2013
31	7/16/2013	7/22/2013	Aug-2	9/1/2013	9/16/2013	10/1/2013
32	7/23/2013	7/29/2013	Aug-9	9/8/2013	9/23/2013	10/8/2013
33	7/30/2013	8/5/2013	Aug-16	9/15/2013	9/30/2013	10/15/2013
34	8/6/2013	8/12/2013	Aug-23	9/22/2013	10/7/2013	10/22/2013
35	8/13/2013	8/19/2013	Aug-30	9/29/2013	10/14/2013	10/29/2013
36	8/20/2013	8/26/2013	Sep-6	10/6/2013	10/21/2013	11/5/2013
37	8/27/2013	9/2/2013	Sep-13	10/13/2013	10/28/2013	11/12/2013
38	9/3/2013	9/9/2013	Sep-20	10/20/2013	11/4/2013	11/19/2013
39	9/10/2013	9/16/2013	Sep-27	10/27/2013	11/11/2013	11/26/2013
40	9/17/2013	9/23/2013	Oct-4	11/3/2013	11/18/2013	12/3/2013
41	9/24/2013	9/30/2013	Oct-11	11/10/2013	11/25/2013	12/10/2013
42	10/1/2013	10/7/2013	Oct-18	11/17/2013	12/2/2013	12/17/2013
43	10/8/2013	10/14/2013	Oct-25	11/24/2013	12/9/2013	12/24/2013
44	10/15/2013	10/21/2013	Nov-1	12/1/2013	12/16/2013	12/31/2013
45	10/22/2013	10/28/2013	Nov-8	12/8/2013	12/23/2013	1/7/2014
46	10/29/2013	11/4/2013	Nov-15	12/15/2013	12/30/2013	1/14/2014
47	11/5/2013	11/11/2013	Nov-22	12/22/2013	1/6/2014	1/21/2014
48	11/12/2013	11/18/2013	Nov-29	12/29/2013	1/13/2014	1/28/2014
49	11/19/2013	11/25/2013	Dec-6	1/5/2014	1/20/2014	2/4/2014
50	11/26/2013	12/2/2013	Dec-13	1/12/2014	1/27/2014	2/11/2014
51	12/3/2013	12/9/2013	Dec-20	1/19/2014	2/3/2014	2/18/2014
52	12/10/2013	12/16/2013	Dec-27	1/26/2014	2/10/2014	2/25/2014

2014 Standards Action Schedule - Volume No. 45

1	12/17/2013	12/23/2013	Jan-3	2/2/2014	2/17/2014	3/4/2014
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*NSF Draft Standard for
Pharmaceutical Excipients –*

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

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8.3 Control of Nonconforming Product

Raw material, intermediate, or finished excipient not meeting its specification shall be clearly identified and controlled to prevent inadvertent use or release for sale.

A record of each incidence of nonconformance shall be maintained. Nonconformances shall be investigated to identify the root cause and impact on other batches/products. The investigation shall be documented and a determination made if action can be taken to prevent recurrence (see 8.5). The potential impact of any change on validation shall be assessed.

There shall be a documented procedure defining how the retrieval of an excipient from distribution shall be conducted and recorded.

Procedures shall exist for the evaluation and subsequent disposition of nonconforming intermediates and excipients (see 5.5.1).

Excipient that fails to conform to specification shall be reviewed in accordance with documented procedures. Such excipients may be dispositioned for:

- a) release for other intended use in accordance with an existing specification,
- b) reprocessing or reworking (see 8.3.1 and 8.3.2),
- c) release in accordance with a revised specification, or
- d) destruction.

~~Nonconforming excipient shall be reviewed in accordance with documented procedures to determine if it may be:~~

- ~~a) reprocessed or reworked to meet the specified requirements accepted as is by the customer with their written agreement,~~
- ~~a) accepted by the customer with their agreement to further processing to make the material suitable for use reprocessed or reworked to meet the specified requirements,~~
- ~~b) re-graded for other applications, or~~
- ~~c) destroyed.~~

REASON: One Negative vote/Comment was received on the 363i1r3 ballot. During their October 19, 2012 Joint Committee meeting, participants agreed to a revision of the language in section 8.3, which resolves the Negative vote/Comment.

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BSR/UL 360, Standard for Liquid-Tight Flexible Steel Conduit

Proposal: Removal of Voltage References from the Scope of UL 360

1.1 These requirements cover the 3/8 (12), 1/2 (16), 3/4 (21), 1 (27), 1-1/4 (35), 1-1/2 (41), 2 (53), 2-1/2 (63), 3 (78), 3-1/2 (91), and 4 (103) trade sizes (metric designators) of liquid-tight flexible steel, aluminum, brass, bronze, copper, and stainless steel conduit. The conduit covered is intended for installation in accordance with the National Electrical Code (NFPA 70) as raceway for wires and cables in motor circuits operating at potentials over 600 volts, in electric sign circuits operating at potentials up through 1000 volts, over 1000 volts, and in other circuits operating at 0–600 V.

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BSR/UL 1081, Standard for Swimming Pool Pumps, Filters, and Chlorinators

1. Addition of Requirements for Electric Swimming Pool Cleaners

55.1 A polymeric material used to form part of the cleaner enclosure that encloses electrical parts, is exposed to sunlight in normal use, and may be subject to direct impact from outside the cleaner enclosure shall comply with the applicable requirements in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, amended as specified in a - d below:

- a) The requirements for portable attended household equipment shall be considered applicable.
- b) UV resistance shall be required.
- c) Ball impact for floor-supported appliances shall be used.
- d) Cold impact shall reflect storage in unheated warehouses or garages.

Exception: This requirement does not apply to cleaners with power supply output voltage that complies with the limits for a Class 2 circuit where wet contact is likely in accordance with the National Electrical Code, ANSI/NFPA 70.

58.1 The cleaner enclosure shall be designed to reduce the risk of unintentional contact with the pump impeller. The probe illustrated in Figure 6.1 or Figure 6.4 shall be used. See 6.3 - 6.5.

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BSR/UL 1559, Standard for Safety for Insect-Control Equipment - Electrocutation Type

PROPOSAL

1.5 Insect-electrocutation equipment generating ultraviolet (UV) radiation are intended for use in accordance with the Federal Radiation Control for Health and Safety Act, Title 21.

4.15.1 FIXED APPLIANCE - Appliance that is intended to be used while fastened to or hung from a support or while secured in a specific location.

4.18.1 PORTABLE EQUIPMENT - Appliance that is intended to be moved while in operation or an appliance, other than a **FIXED APPLIANCE**, having a mass less than 18 kg.

4.21 STATIONARY APPLIANCE - **FIXED APPLIANCE** or an appliance which is not a **PORTABLE APPLIANCE**.

24.11.1 A polymeric enclosure, frame or cover of insect-electrocutation equipment which generate ultraviolet (UV) radiation shall be suitable for UV exposure or shall be suitably shielded if degradation would result in non-compliance with other requirements of this Standard.

24.11.2 Components provided within the enclosure or enclosed by sleeving composed of non-metallic materials (ie. wiring, capacitors, etc.) exposed to direct or reflected ultraviolet (UV) radiation shall be suitable for UV exposure or shall be suitably shielded from UV exposure, if degradation would result in non-compliance with other requirements of this Standard.

30.3 Protection from overexposure to ultraviolet (UV) radiation

30.3.1 Insect-electrocutation equipment shall be investigated for emission of ultraviolet (UV) radiation in accordance with the Ultraviolet Irradiance Test, Section 64A. The emission of UV shall not exceed an Effective Irradiance value of 0.1 microwatt/cm² when measured at the general use distance and an Effective Irradiance value of 3 microwatt/cm² when measured at the relamping/servicing distance.

Exception No. 1: Products exclusively identified for the use with lamps rated "Exempt Risk Group", ANSI/IESNA RP-27.1, are considered to comply with this requirement without test.

Exception No. 2: Products generating UV in excess of 3 microwatt/cm² when measured at the relamping/servicing distance are acceptable if the product cannot be operated continuously during relamping or servicing.

30.3.2 Interlocks used to minimize risk of overexposure to ultraviolet (UV) radiation per Exception No. 2 of 30.3.1 shall be reliable, see 30.3.3. The actuator of an interlock shall be located so the unintentional operation is unlikely. Also refer to 29.4 and 29.5.

30.3.3 An interlock that is required to reduce a risk of overexposure to ultraviolet (UV) radiation shall withstand 100,000 cycles of operation controlling a load not less than that controlled in the product, and shall function normally upon completion of the test.

39.3 Lamps that emit ultraviolet (UV) radiation

39.3.1 Insect-electrocution equipment shall not employ lamps designed to emit ultraviolet (UV) radiation in wavelengths less than 250 nm. Incidental UV radiation in wavelengths less than 250 nm is allowed provided that the radiation shall not exceed an effective irradiance level greater than 1% of that generated in the 300-400 nm bands.

64A Ultraviolet Irradiance Test

64A.1 Emissions of ultraviolet (UV) radiation from the insect-electrocution equipment shall be evaluated in accordance with the American Conference of Government Industrial Hygienists (ACGIH) Threshold Limit Values and Biological Exposure Indices.

64A.2 Testing shall be performed in the condition(s) most likely to result in the highest emission levels, including removal or adjustment of guards or operating settings. The test shall be performed using a new lamp, or integral radiation source, representative of the maximum emission capability, including user replacement parts. The measurement device shall be placed at the distance indicated in Table 64A.1 for the type specified or at a lesser distance if requested by the manufacturer. The effective irradiance value shall comply with the requirements of 30.3.1.

Table 64A.1

Equipment type and distance measurement

<u>Equipment type</u>	<u>Type of exposure*</u>	<u>Measurement instrument distance for equipment</u>
<u>Commercial Fixed Equipment with a total lamp wattage of ≤ 50 W</u>	<u>General</u>	<u>39 inches (0.99 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>

<u>Commercial Fixed Equipment with a total lamp wattage of >50 W but less than 100 W</u>	<u>General</u>	<u>78 inches (1.98 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Commercial Fixed Equipment with a total lamp wattage of \geq 100 W</u>	<u>General</u>	<u>117 inches (2.97 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Commercial Portable Equipment with a total lamp wattage of \leq 50 W</u>	<u>General</u>	<u>39 inches (0.99 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Commercial Portable with a total lamp wattage of >50 W</u>	<u>General</u>	<u>78 inches (1.98 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Household Fixed</u>	<u>General</u>	<u>39 inches (0.99 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Household Portable/ Outdoor Portable</u>	<u>General</u>	<u>39 inches (0.99 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Outdoor Fixed Equipment with a total lamp wattage of \leq 50 W</u>	<u>General</u>	<u>120 inches (3.048 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>
<u>Outdoor Fixed Equipment with a total lamp wattage of >50 W</u>	<u>General</u>	<u>300 inches (7.62 m)</u>
	<u>Relamping/servicing</u>	<u>16.85 inches (0.43 m)</u>

*Note - general exposure limits are based on an 8 hour day and relamping/servicing is based on an exposure time of maximum 16 minutes.

64A.3 For insect-electrocution equipment that employ enclosures, guards and similar protective features to minimize the risk of overexposure to ultraviolet radiation. These parts shall be resistant to degradation from mechanical abuse. After subjecting the protective features to the test of Enclosure Impact Test of Section 38, Strain Relief Test of Section 39, Cold Impact Test of Section 42, Temperature Cycling Test of Section 43 of this Standard, and the Mold-Stress-Relief Distortion Test of Section 29 of the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, the protective features shall be visually examined. If visual examination indicates that the protection afforded by the protective feature may be impaired, irradiance measurements shall be repeated. A different sample may be used for each mechanical abuse/irradiance test sequence.

64A.4 Instrumentation used for the radiation measurements shall be suitable for the measuring of emissions of the radiation source and frequencies. These measurements should only be performed by people trained to make proper optical radiation measurements and follow good laboratory practices which can be found in documents such as ANSI/IESNA RP-27 and IEC 62471.

73 Markings for Insect-Control Equipment Which Emit Ultraviolet (UV) Radiation

73.1 Equipment employing lamps which produce ultraviolet (UV) radiation shall be marked with the word "WARNING" and the following or equivalent: "Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before relamping or servicing." The marking shall be located where readily visible during approach to the lamp compartment. Products employing an interlock switch to disconnect power during servicing and relamping in accordance with Exception No. 2 of 30.3.1 are not required to provide the marking.

73.2 Markings shall indicate to the user the proper types of lamps for replacement. For user replaceable lamps, the permitted replacement lamps by lamp type and rating shall be specified in the manual and near the lamp. Lamps intended for service replacement only shall be clearly marked to indicate the need for service person replacement.

73.3 The markings specified in 73.1 - 73.2 shall be permanent in letters no less than 3/32 inch (2.4 mm) high and shall be located on a part that cannot be removed without impairing the operation of the product or left off without being readily apparent.

74 Instructions for Insect-Electrocution Equipment Generating Ultraviolet (UV) Radiation

74.1 The markings of 73.1 - 73.3 shall be repeated under Important Safety Instructions.

74.2 Insect-electrocution equipment intended for permanent installation or mounted in a dedicated area (fixed equipment) such as the wall of a building structure which emit ultraviolet (UV) radiation shall be provided with the following marking or its equivalent "CAUTION - Risk of UV exposure. Ensure product is installed such that no continuous human activity is likely to be performed within X distance of the unit while illuminated." X is the general use distance of Table 64A.1. The instruction shall be included in the Important Safety Instructions.

74.3 The instructions required in 74.1 and 74.2 shall not be less than 1/8 inch (3.2 mm) high in text and shall be included with the other safety instructions as required by 72.1.