ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: January 22, 2017

CPA (Composite Panel Association (30-Day Public Comment Period: Announcement of Limited Substantive Changes to an Approved American National Standard))

New Standard

BSR A135.7-201x, Engineered Wood Trim (new standard)

The purpose of this Standard is to establish a nationally recognized voluntary consensus standard for engineered wood trim which can serve as a common basis for understanding among those manufacturing, specifying, or using engineered wood trim.

Public Review is limited to the revisions shown in the linked pages.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Gary Heroux, (703) 724-1128, gheroux@cpamail.org

NSF (NSF International)

Revision

BSR/NSF 8-201x (i12r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2007 (i6))

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

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i82r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2007 (i17))

The physical, performance, and health effects requirements in this Standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i125r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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

Click here to view these changes in full

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

RESNET (Residential Energy Services Network, Inc.)

Addenda

BSR/RESNET/ICC 301-2014 Addendum D-201x, Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems: Reference Standard ANSI/RESNET/ICC 380-2016 (addenda to ANSI/RESNET 301-2014)

Revise Standard ANSI/RESNET/ICC 301-2014 by replacing references to sections of the RESNET Mortgage Industry National Home Energy Rating Standards, Chapter 8, with references to Standard ANSI/RESNET/ICC 380-2016 for like requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See the links from webpage: http://www.resnet.us/blog/resnet-consensus-standards/

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1322-201x, Standard for Safety for Fabricated Scaffold Planks and Stages (revision of ANSI/UL 1322-2010 (R2015))

Proposal (dated 12-23-2016) adds requirements for Multiple Suspension Points and Anchoring Directly to the Platform.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 8750-201X, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016)

The following topics for the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750, are being recirculated: (1) Add Supplement SF - Requirements for LED Equipment with Wired Control Circuits.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

Comment Deadline: February 6, 2017

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S620 MONYEAR-201x, Safety for Anyhdrous Ammonia Application Equipment (new standard)

The purpose of this standard is to establish the safety requirements for implements of husbandry used in the local transport and application of anhydrous ammonia for agricultural fertilizer. This standard does not cover bulk storage and handling equipment, manufacture of, or over-the-road bulk transport equipment (other than implements of husbandry) for anhydrous ammonia. This standard is applicable to new equipment manufactured and assembled after the publication of this standard.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S638 MONYEAR-201x, Pintle Hitch for Agricultural Field Equipment (new standard)

This standard establishes requirements for a pintle hitch suitable for use with agricultural field equipment. Usage of a conforming pintle hitch is primarily intended for towing trailers as defined by ANSI/ASAE S390.6 (ISO 12934:2013), but is not restricted to that application.

Single copy price: $58.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.111-2011 (R201x), Penetration Testing within the Financial Services Industry (reaffirmation of ANSI X9.111-2011)

This standard specifies recommended processes for conducting penetration testing with financial service organizations. This standard describes a framework for specifying, describing and conducting penetration testing, and then relating the results of the penetration testing. This standard allows an entity interested in obtaining penetration testing services to identify the objects to be tested, specify a level of testing to occur, and to set a minimal set of testing expectations. Included in this standard are: A conceptual framework for describing penetration testing, including

- Roles and Responsibilities of participants;
- Types of penetration test;
- A generalized penetration testing cycle;
- General testing methodologies/techniques;
- Limitations of penetration testing;
- Ranking of methodologies, bases of testing effort (testing levels);
- Engagement and scope of work considerations;
- Test report guidelines;
- Testing requirements;
- Security of the testing environment;
- General practices and methodologies; and
- Tester expertise

Single copy price: $100.00

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

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

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

New Standard

BSR/ASHRAE Standard 41.2-201x, Standard Methods for Air Velocity and Airflow Measurement (new standard)

Standard 41.2P prescribes methods for air velocity and airflow measurement, including consideration of density effects.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

ASIS (ASIS International)

Revision

BSR/ASIS ORM.1-201x, Security and Resilience in Organizations and Their Supply Chains - Requirements with Guidance (revision, redesignation and consolidation of ANSI/ASIS/BSI BCM.01-2010, ANSI/ASIS SPC.1-2009)

This Standard specifies requirements for an integrated management system for organizations and their supply chains. The organizational resilience management system (ORMS) enables an organization to identify, assess, and manage risks related to the achievement of its strategic, operational, tactical, and reputational objectives in the organization and its supply chains.

Single copy price: $100.00

Obtain an electronic copy from: standards@asisonline.org

Order from: Aivelis Opicka, (703) 518-1439, standards@asisonline.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPVC Section XII-201x, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2015)

The rules of this Section constitute requirements for construction and continued service of pressure vessels for the transportation of dangerous goods via highway, rail, air, or water.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Richard Lucas, (212) 591-7541, lucasr@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME QME-1-201x, Qualification of Active Mechanical Equipment Used in Nuclear Power Plants (revision of ANSI/ASME QME-1-2012)

This Standard provides the requirements and guidelines for the qualification of active mechanical equipment whose function is required to ensure the safe operation or safe shutdown of a nuclear facility. The active mechanical equipment shall also comply with the requirements of the applicable design and construction codes and standards.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Kimberly Verderber, ASME; verderberk@asme.org

AWS (American Welding Society)

New Standard

BSR/AWS C2.16/C2.16M-201X, Guide for Thermal Spray Operator Qualification Programs (new standard)

This guide contains recommendations for establishing a thermal spray operator qualification program. Information related to training, knowledge and skill testing, and coating system inspection methods is provided. Example thermal spray operator qualification tests (TSOQT) parameters and forms are provided, to address common engineering and corrosion control applications using arc, flame, air-plasma and high-velocity oxygen fuel (HVOF) spray processes.

Single copy price: $31.50

Obtain an electronic copy from: jrosario@aws.org

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

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWWA (American Water Works Association)

New Standard

BSR/AWWA G520-201x, Wastewater Collection System Operation and Management (new standard)

This standard describes the critical requirements for the effective operation and management of a wastewater collection system.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C600-201x, Installation of Ductile-Iron Mains and Their Appurtenances (revision of ANSI/AWWA C600-2010)

This standard describes installation procedures for ductile-iron mains and their appurtenances for potable water, wastewater, reclaimed water, and raw water.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C151/A21.51-201x, Ductile-Iron Pipe, Centrifugally Cast (revision of ANSI/AWWA C151/A21.51-2009)

This standard describes 3-in. through 64-in. (80-mm through 1,600-mm) ductile-iron pipe, centrifugally cast, for potable water, raw water, wastewater, and reclaimed water systems with push-on joints or mechanical joints. Requirements for pipe according to this standard are discussed in the text and are shown in Tables 1 through 5 and Figures 1, 2, and 3. This standard may be used for pipe with other types of joints as may be agreed on at the time of purchase.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA E102-201x, Submersible Vertical Turbine Pumps (revision of ANSI/AWWA E102-2008)

This standard provides minimum requirements for submersible vertical turbine pumps utilizing a discharge column pipe assembly for installation in wells, water treatment plants, water transmission systems, and water distribution systems. Electric motors are the only type of prime movers addressed in this standard.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA G100-201x, Water Treatment Plant Operation and Management (revision of ANSI/AWWA G100-2011)

This standard describes the critical requirements for the effective operation and management of drinking water treatment plants.

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-87B-201x, Nanosecond Event Detection Test Procedure for Electrical Connectors, Contacts and Sockets (revision and redesignation of ANSI/EIA 364-87A-2009)

The object of this procedure is to define methods for detecting events that can be as short as 1 nanosecond.

Single copy price: $84.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

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

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

ICC (International Code Council)

New Standard

BSR/ICC 902/SRCC 400-201x, Solar Swimming Pool and Spa Heating Systems Performance Standard (new standard)

This standard will establish minimum requirements for the performance, design and installation of solar thermal heating systems for heating water used within pools, spas, hot tubs, exercise spas, water parks, and spray grounds. This standard will also establish methods for rating the performance of these systems based on projections and test data for specific climates, locations, times of year, and pool or spa type. This standard will apply to both residential and commercial systems, both direct and indirect heating systems and both new and existing installations.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/codes-tech-support/codes/code-development-process/standards-development/is-phsc/

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

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

IESNA (Illuminating Engineering Society of North America)

Revision

BSR/IES RP-27.3-201x, Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision and redesignation of ANSI/IESNA RP-27.3-2007)

The purpose of this standard (BSR/IES RP-27.3-201x) is to provide the criteria for proper categorization, classification, and informational requirements of lamps so that such sources may be properly applied in the design of lamp systems.

Single copy price: $25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Order from: Patricia McGillicuddy, (212) 248-5000, pmcgillicuddy@ies.org

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

ISA (International Society of Automation)

New National Adoption

BSR/ISA 61511-3 (84.00.01)-201x, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (identical national adoption of IEC 61511-3 Ed. 2.0)

Provides guidelines for determining the required safety integrity levels for safety instrumented systems in the process industry sector.

Single copy price: $200.00 usd

Obtain an electronic copy from: crobinson@isa.org

Order from: crobinson@isa.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

BSR ICEA P-45-482-201x, Short Circuit Performance of Metallic Shields and Sheaths on Insulated Cable (new standard)

Equations and parameters have been established for short circuit calculations for sheaths or shields made of aluminum, bronze, copper, lead, steel, zinc and cupronickel alloys. The types of sheaths or shields included are:

- Wires, applied either helically, as braid or serving; or longitudinally with corrugations;
- Helically applied flat tape, not overlapped;
- Helically applied, overlapped, flat tape;
- Corrugated tape, longitudinally applied; and
- Tubular sheath.

The types of cable materials in contact with the sheath or shield are: crosslinked (thermoset), thermoplastic, impregnated paper, and varnished cloth. The materials that determine the maximum allowable short circuit temperatures are: paper, varnished cloth and several thermoplastic and thermosetting materials presently appearing in ICEA standards. Temperature limits, considered safe, were established for the various coverings and insulation materials. The equations may be used to determine:

- The maximum short circuit current permitted for a specific sheath/shield and short circuit duration;
- The sheath/shield size necessary to carry a specific short circuit current for a given duration; and
- The maximum duration a specific sheath/shield can carry a specific short circuit current.

Single copy price: $88.00

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

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

SAIA (ASC A92) (Scaffold & Access Industry Association)

New Standard

BSR/SAIA A92.22-201x, Safe Use of Mobile Elevating Work Platforms (MEWPs) (new standard)

This Standard is intended to be used in conjunction with the following American National Standards: ANSI/SAIA A92.22 - Safe Use of Mobile Elevating Work Platforms (MEWPs), and ANSI/SAIA A92.24 - Training Requirements for Operators of Mobile Elevating Work Platforms (MEWPs). This Standard specifies requirements for application, inspection, training, maintenance, repair, and safe operation of Mobile Elevating Work Platforms (hereafter known as MEWPs). It applies to all types and sizes of MEWPs as specified in ANSI/SAIA A92.20 (design, calculations, safety requirements and test methods) that are intended to position personnel, along with their necessary tools and materials, at work locations.

Single copy price: Free

Obtain an electronic copy from: deanna@saiaonline.org

Order from: DeAnna Martin, (816) 595-4860, deanna@saiaonline.org

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

SAIA (ASC A92) (Scaffold & Access Industry Association)

New Standard

BSR/SAIA A92.24-201x, Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevating Work Platforms (MEWPs) (new standard)

This Standard is intended to be used in conjunction with the following American National Standards: ANSI/SAIA A92.20 - Design, Calculations, Safety Requirements and Test Methods for Mobile Elevating Work Platforms (MEWPs), and ANSI/SAIA A92.22 - Safe Use of Mobile Elevating Work Platforms (MEWPs). This standard provides methods and guidelines to prepare MEWP training materials, defines administrative criteria, and delivers elements required for proper training and familiarization. It applies to all types and sizes of MEWPs defined in ANSI/SAIA A92.20 (design, calculations, safety requirements and test methods) that are intended to position personnel, along with their necessary tools and materials, at work locations.

Single copy price: Free

Obtain an electronic copy from: deanna@saiaonline.org

Order from: DeAnna Martin, (816) 595-4860, deanna@saiaonline.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 827 om-201x, Blank box dimensioning (new standard)

This method is used to determine the score-to-score dimensions of a box blank. It may be used for solid or corrugated fiberboard containers. This would include all box designs both diecut and scored and slotted.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Revision

BSR/TAPPI T 809 om-201x, Flat crush of corrugating medium (CMT test) (revision of ANSI/TAPPI T 809 om-2011)

This method describes a procedure for measuring the crushing resistance of a laboratory fluted strip of corrugating medium, and provides a means of estimating, in the laboratory, the potential flat crush resistance of a corrugated board.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Revision

BSR/TAPPI T 811 om-201x, Edgewise compressive strength of corrugated fiberboard (short column test) (revision of ANSI/TAPPI T 811 om-2011)

This method describes procedures for determining the edgewise compressive strength (ECT), perpendicular to the axis of the flutes, of a short column of single-, double-, or triple-wall corrugated fiberboard.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-28-201X, Standard for Safety for Explosive Atmospheres - Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation (Proposal dated 12-23-16) (national adoption of IEC 60079-28 with modifications and revision of ANSI/UL 60079-28-201X)

Adoption of IEC 60079-28, Edition 2.0 (2015-05), Explosive Atmospheres - Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation, as a new IEC-based UL standard, UL 60079-28, 2nd Ed with U.S. National Differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60335-2-24-201X, Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (national adoption of IEC 60335-2-24 with modifications and revision of ANSI/UL 60335-2-24-2006 (R2011))

The proposed second edition of the harmonized Standard for Household and Similar Electrical Appliances - Safety - Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers, UL 60335 -2-24, based off of Edition 7.1 of IEC 60335-2-24.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664 -3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 110-201x, Standard for Sustainability for Mobile Phones (new standard)

This proposed first edition of the Standard for Sustainability for Mobile Phones establishes sustainability criteria for mobile phones, covering the mobile phone, accessories shipped in the box with the mobile phone, and packaging. It applies to products that are or will be available for purchase at the time of certification. The criteria were developed based on the life cycle stages of mobile phones and corporate environmental performance factors. These factors are: materials, energy efficiency of external power supply, health and environment impacts, end-of-life management, packaging, corporate practices, and manufacturing and operations.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 497A-2004 (R201x), Standard for Safety for Secondary Protectors for Communications Circuits (reaffirmation of ANSI/UL 497A-2004 (R2012))

Covers the third edition of UL 497A, secondary protectors for use in single- or multiple-pair-type communications circuits that are intended to be installed in accordance with Article 800 of the National Electrical Code, ANSI/NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 497B-2004 (R201x), Standard for Safety for Protectors for Data Communications and Fire Alarm Circuits (reaffirmation of ANSI/UL 497B -2004 (R2012))

Covers the fourth edition of UL 497B, Protectors for Data Communications and Fire-Alarm Circuits.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 497C-2004 (R201x), Standard for Safety for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2012))

Covers the second edition of UL 497C, Protectors for Use on Coaxial Cable Circuits to be used in accordance with the applicable requirements of the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

Comment Deadline: February 21, 2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME TDP-2-2012 (R201x), Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Nuclear Fueled Plants (reaffirmation of ANSI/ASME TDP-2-2012)

This Standard includes practices that are concerned primarily with the prevention of water damage to steam turbines used for water-cooled nuclear reactor power generation. The practices cover design, operation, inspection, testing, and maintenance of those aspects of the following power plant systems and equipment concerned with the prevention of water induction into steam turbines and the safe removal of water from steam turbines.

Single copy price: $49.00

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

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

Correction

Errors in Call-for-Comment Listings

BSR/UL 1123-201x and BSR/UL 1180-201x

In the December 16, 2016 issue of Standards Action, BSR/UL 1123-201x and BSR/UL 1180-201x were accidentally listed in the Call-for-Comment section. These two standards are not subject to comment and were listed in error.

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 Dr., Ste 301
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: cbernier@aami.org

BSR/AAMI/IEC 60601-2-16-201x, Medical electrical equipment - Part 2 -16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration, and haemofiltration equipment (identical national adoption of IEC 60601-2-16, Ed. 5.0 and revision of ANSI/AAMI/IEC 60601-2-16, Ed. 4-2012)

BSR/AAMI/IEC 60601-2-39-201x, Medical electrical equipment - Part 2 -39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC 60601-2-39 Ed. 3.0)

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road
Suite 300
Arlington, VA 22206

Contact: *Danny Halel*

Phone: (703) 824-8868

E-mail: danny.halel@acca.org

BSR/ACCA 11 Manual Zr-201x, Residential Zoning Systems (revision of ANSI/ACCA 11 Manual Zr-2012)

CGA (Compressed Gas Association)

Office: 14501 George Carter Way
Suite 103
Chantilly, VA 20151

Contact: *Kristy Mastromichalis*

Phone: (703) 788-2728

Fax: (703) 961-1831

E-mail: kmastromichalis@cganet.com

BSR/CGA P-18-201x, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-2013)

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-87B-201x, Nanosecond Event Detection Test Procedure for Electrical Connectors, Contacts and Sockets (revision and redesignation of ANSI/EIA 364-87A-2009)

IESNA (Illuminating Engineering Society of North America)

Office: 120 Wall St. 17th Floor
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (212) 248-5000

E-mail: pmcgillicuddy@ies.org

BSR/IES RP-27.3-201x, Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision and redesignation of ANSI/IESNA RP-27.3-2007)

MedBiq (MedBiquitous Consortium)

Office: 5801 Smith Avenue
Davis 3110C
Baltimore, MD 21209

Contact: *Valerie Smothers*

Phone: (410) 735-6142

Fax: (410) 735-4660

E-mail: vsmothers@jhmi.edu

BSR/MEDBIQ CIA.10.1-201x, Curriculum Inventory Application Programming Interface (new standard)

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 14-201x (i82r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2007 (i17))

BSR/NSF 50-201x (i125r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Paul Lloret*

Phone: (510) 319-4269

E-mail: Paul.E.Lloret@ul.com

BSR/UL 1322-201x, Standard for Safety for Fabricated Scaffold Planks and Stages (revision of ANSI/UL 1322-2010 (R2015))

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AWS (American Welding Society)

Revision

ANSI/AWS A5.9/A5.9M:2017 (ISO 14343:2009 MOD), Welding Consumables - Wire Electrodes, Strip Electrodes, Wires and Rods for Arc Welding of Stainless and Heat Resisting Steels - Classification (revision of ANSI/AWS A5.9/A5.9M-2012): 12/9/2016

GTESS (Georgia Tech Energy & Sustainability Services)

New National Adoption

ANSI/MSE/ISO 50047-2016, Determination of energy savings in organizations (identical national adoption of ISO 17747:2015): 12/9/2016

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 1290-2015, Guide for Motor-Operated Valve (MOV) Motor Application, Protection, Control, and Testing in Nuclear Power-Generating Stations (new standard): 12/8/2016

Revision

ANSI/IEEE 1667-2015, Standard for Discovery, Authentication, and Authorization in Host Attachments of Storage Devices (revision of ANSI/IEEE 1667-2009): 12/8/2016

ISA (International Society of Automation)

New Standard

ANSI/ISA 75.05.01-2016, Control Valve Terminology (new standard): 12/9/2016

NSF (NSF International)

Revision

* ANSI/NSF 169-2016 (i7r2), Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2012): 12/11/2016

* ANSI/NSF 363-2016 (i4r2), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014): 12/4/2016

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 1201-2016, Standard for Sensor Operated Backwater Prevention System (new standard): 12/14/2016

ANSI/UL 1201-2016a, Standard for Sensor Operated Backwater Prevention System (new standard): 12/14/2016

Reaffirmation

ANSI/UL 698A-2012 (R2016), Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (Proposal dated 09-30-16) (reaffirmation of ANSI/UL 698A-2012): 12/14/2016

Revision

ANSI/UL 67-2016a, Standard for Safety for Panelboards (Proposal dated 09-30-16) (revision of ANSI/UL 67-2016): 12/14/2016

* ANSI/UL 82-2016b, Electric Gardening Appliances (revision of ANSI/UL 82-2016): 12/9/2016

ANSI/UL 471-2016a, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2016): 12/8/2016

ANSI/UL 651A-2016a, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2016): 12/9/2016

ANSI/UL 1042-2016, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014): 12/14/2016

ANSI/UL 1042-2016a, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014): 12/14/2016

ANSI/UL 1278-2016b, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278 -2016): 12/14/2016

ANSI/UL 1278-2016c, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278 -2016): 12/14/2016

ANSI/UL 1637-2016, Standard for Safety for Home Health Care Signaling Equipment (revision of ANSI/UL 1637-2015): 12/9/2016

ANSI/UL 2021-2016, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015): 12/14/2016

ANSI/UL 2021-2016a, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015): 12/14/2016

Project Initiation Notification System (PINS)

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

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

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

AAFS (American Academy of Forensic Sciences)

Office: 4200 Wisconsin Ave, NW Suite 106-310
Washington, DC 20016

Contact: *Teresa Ambrosius*

E-mail: tambrosius@aafs.org

BSR/ASB Std 020-201x, Standards for Validation Studies of DNA Mixtures for the Development and Verification of a Laboratory Mixture Interpretation Protocol (new standard)

Stakeholders: DNA Professionals.

Project Need: This document will provide needed guidance to practitioners in the field.

These standards were designed to provide direction and guidance to laboratories for the development of DNA mixture interpretation protocols that consistently produce reliable and reproducible interpretations and conclusions, which are supported by internal validation data.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: cbernier@aami.org

BSR/AAMI/IEC 60601-2-16-201x, Medical electrical equipment - Part 2 -16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration, and haemofiltration equipment (identical national adoption of IEC 60601 -2-16, Ed. 5.0 and revision of ANSI/AAMI/IEC 60601-2-16, Ed. 4 -2012)

Stakeholders: Manufacturers, users, and regulators of dialysis equipment.

Project Need: Safety and performance standards for dialysis equipment.

Applies to the basic safety and essential performance of hemodialysis, hemodiaflitration, and hemofiltration equipment. Does not take into consideration specific safety details of the dialysis fluid control system of hemodialysis equipment using regeneration of dialysis fluid or central delivery systems for dialysis fluid. It does, however, take into consideration the specific safety requirements of such hemodialysis equipment concerning electrical safety and patient safety.

BSR/AAMI/IEC 60601-2-39-201x, Medical electrical equipment - Part 2 -39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC 60601-2-39 Ed. 3.0)

Stakeholders: Manufacturers, users, and regulators of peritoneal dialysis equipment.

Project Need: Safety and performance standards for peritoneal dialysis equipment.

Applies to the basic safety and essential performance of peritoneal dialysis ME equipment. Applies to PD equipment intended for use either by medical staff or under the supervision of medical experts, including PD equipment operated by the patient, regardless of whether the PD equipment is used in a hospital or domestic environment.

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road
Suite 300
Arlington, VA 22206

Contact: *Danny Halel*

E-mail: danny.halel@acca.org

BSR/ACCA 11 Manual Zr-201x, Residential Zoning Systems (revision of ANSI/ACCA 11 Manual Zr-2012)

Stakeholders: Contractors, designers and residential owners/occupants.

Project Need: Zoning of HVAC systems achieve their full potential, operating cost savings, and consumer comfort when designed and installed properly. Currently, there are conflicting zoning guidance provided by various sectors of the HVAC industry. This standard will provide the step-by-step procedures for the design of optimum zoning in residential structures.

Provides the unique needs of zoning design that include: (1) Zonal load calculations; (2) Zoning strategies and protocols (diversity issues; multi-level construction, diverse floor plans, winter/summer room, and zone CFM variations, etc.); (3) Zoned systems types/attributes (multiple furnaces or refrigeration cycle units, central heating and cooling with VAV dampers, split coil refrigeration cycle with multiple indoor coils); (4) Controls and control strategies (VAV bypass air; VAV damper sizing; multi- or variable-speed; airflow management); and (5) Duct design and supply.

AGMA (American Gear Manufacturers Association)

Office: 1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587

Contact: *Amir Aboutaleb*

E-mail: tech@agma.org

BSR/AGMA 1012-HXX-201x, Gear Nomenclature, Definition of Terms with Symbols (revision and redesignation of ANSI/AGMA 1012-2005 (R2011))

Stakeholders: Manufacturers and users of gears and gearboxes used in the automotive industry.

Project Need: Update standard to reflect current state-of-the art.

This standard establishes the definitions of terms, symbols, and abbreviations that may be used to communicate the technology and specifications of external and internal gear teeth. It provides definitive meanings by the use of words and illustrations, for commonly used gearing terms.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME B47.1-201x, Gage Blanks (revision of ANSI/ASME B47.1 -2007 (R2012))

Stakeholders: Gage distributors, producers/manufacturers, users, etc.

Project Need: The standard has not been revised in several years and some mathematical errors have been found that need correction.

This Standard covers standard designs for the following: (a) plain and thread plug gage blanks to 12.010 in. maximum gaging diameter; (b) plain and thread ring gage blanks to 12.260 in. maximum gaging diameter; (c) involute and serrated spline plug and ring gage blanks to 8.000 in. major diameter; (d) straight-sided spline plug and ring gage blanks to major diameters of 8.000 in. for plugs and 6.000 in. for rings; (e) machine taper plug and ring gage blanks to 5.000 in. gaging diameter; (f) adjustable snap gages to 12 in.; (g) adjustable length gages to any desired length; and (h) master disks up to 8.010 in. in diameter.

BSR/ASME V&V 10.1-201x, An Illustration of the Concepts of Verification and Validation in Computational Solid Mechanics (revision of ANSI/ASME V&V 10.1-2012)

Stakeholders: Users, manufacturers and designers (e.g., auto, aero, medical, etc.), laboratories, academia, consultants, and government.

Project Need: The committee received comments regarding taper factor and plan to review and revise accordingly. The committee will also plan to expand the document.

The purpose of this document is to illustrate, by detailed example, the most important aspects of Verification and Validation (V&V) described in the V&V 10 Guide to Verification and Validation in Computational Solid Mechanics.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK56904-201x, New Specification for Impact Attenuation for Baseball and Softball Synthetic Turf Systems as Measured in the Field (new standard)

Stakeholders: Artificial Turf Surfaces and Systems industry.

Project Need: To specify the procedure for testing baseball and softball fields for impact attenuation (gmax). And to establish maximum values based on the specific area of play.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56904.htm

CGA (Compressed Gas Association)

Office: 14501 George Carter Way
Suite 103
Chantilly, VA 20151

Contact: *Kristy Mastromichalis*

Fax: (703) 961-1831

E-mail: kmastromichalis@cganet.com

BSR/CGA P-18-201x, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-2013)

Stakeholders: Producer: Manufacturers of inert gases; repackagers and deliverers of inert gases and mixes. User: Users of inert gases in their process; end user. General Interest: General interest in inert gases systems; academia. Equipment Supplier: Manufacturers of storage and transportation systems or equipment. Distributor and Retailer: Distributors and retailers of inert gases and mixes. Trade Association: Industry associations affected by or involved in inert gases.

Project Need: P-18 is referenced by national codes (NFPA and ICC) and these organizations require a consensus standard with an ANSI designation.

The purpose of this standard is to provide information on installation of bulk inert gas systems for argon, nitrogen, and helium service.

CSA (CSA Group)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131

Contact: *Cathy Rake*

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

* BSR Z21.54-201x, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (same as CSA 8.4) (revision of ANSI Z21.54-2014)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: Revised and new text.

Details test and examination criteria for gas hose connectors suitable for connecting portable outdoor gas-fired appliances to fixed gas supply lines containing natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures at pressures not in excess of 1/2 psi (3.45 kPa). These connectors are intended for use in unconcealed outdoor locations unlikely to be subject to excessive temperatures [above 200°F (93.5°C)].

IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331
Contact: *Susan Vogel*
Fax: (732) 796-6966
E-mail: s.vogel@ieee.org

BSR ASC C2 NESC-201x, National Electrical Safety Code (revision of ANSI ASC C2 NESC-2017)

Stakeholders: Utilities (private and public), telecommunication industry, municipalities, regulators, labor, railroads, electrical contractors.

Project Need: The NESC is revised every 5 years.

These rules cover supply and communication lines, equipment, and associated work practices employed by a public or private electric supply, communications, railway, or similar utility in the exercise of its function as a utility. They cover similar systems under the control of qualified persons, such as those associated with an industrial complex or utility interactive system.

MedBiq (MedBiquitous Consortium)

Office: 5801 Smith Avenue
Davis 3110C
Baltimore, MD 21209
Contact: *Valerie Smothers*
Fax: (410) 735-4660
E-mail: vsmothers@jhmi.edu

* BSR/MEDBIQ CIA.10.1-201x, Curriculum Inventory Application Programming Interface (new standard)

Stakeholders: Medical schools, health professions schools, government agencies, associations, information technology vendors, accreditation organizations, healthcare professionals.

Project Need: Health professions education programs frequently use an ecosystem of educational technologies to deliver and manage their curriculum and related resources and activities. Connecting data across the systems can be difficult or impossible. Institutions could facilitate the integration of their systems and their resources by having a consistent interface between the various systems.

The interface will support multiple approaches or uses cases, including the following:
- Transmission of a subset of curriculum data from one system to another;
- The inclusion of curriculum data as part of a request for curriculum-specific content or services; and
- Analytic queries.

SPRI (Single Ply Roofing Institute)

Office: 465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Contact: *Linda King*
Fax: (781) 647-7222
E-mail: info@spri.org

BSR/SPRI ED-1-201x, Design Standard for Edge Systems Used with Low Slope Roofing Systems (revision and partition of ANSI/SPRI/FM 4435/ES-1-2011, ANSI/SPRI GT-1-2016)

Stakeholders: Designers and specifiers of roof systems; roof edge manufacturers; contractors; and insurance companies and building owners.

Project Need: The testing components of ANSI/SPRI/FM 4435/ES-1 2011 and ANSI/SPRI GD-1 2010 were used to develop two test standards (BSR/SPRI/FM 4435/ES-1 and ANSI/SPRI GT-1-2016). The design components of ANSI/SPRI/FM 4435/ES-1 2011 and ANSI/SPRI GD-1 2010 are being combined into one design standard.

The following standard is a reference for those who design, specify, manufacture, or install edge materials used with low slope roofing systems. This standard focuses primarily on design for wind resistance. Nevertheless, it does address water and snow loads for gutters, corrosion thermal expansion, and material thicknesses that lead to satisfactory flatness. It is intended for use with the specifications and requirements of the manufacturers of the specific roofing materials and edge systems used in the roofing assembly, including fascia, coping, and gutters. The membrane manufacturer shall be consulted for specific recommendations for making the roof watertight at the edge.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Contact: *Patricia Sena*
Fax: (919) 549-1636
E-mail: patricia.a.sena@ul.com

* BSR/UL 2849-201X, Standard for Safety for Electric Bicycles, Electrically Power Assisted Cycles (EPAC Bicycles), Electric Scooters, and Electric Motorcycles (new standard)

Stakeholders: E-mobility industry and authorities having jurisdiction.

Project Need: To obtain national recognition of a standard covering electric bicycles, electric-power-assisted cycles (EPAC bicycles), electric scooters, and electric motorcycles.

This Outline covers the electrical systems of eBikes, electric scooters, and electric motorcycles. EBikes are defined as both Pedalec (pedal assist) and non-Pedalec types. Electric scooters and electric motorcycles are intended for over the road use. This Outline covers the on board electrical system, vehicle systems (which includes the combination of chargers and batteries) of eBikes, electric scooters, and electric motorcycles.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences
4200 Wisconsin Ave, NW Suite 106 -310
Washington, DC 20016
Phone: (719) 453-1036
Web: www.aafs.org

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)
4301 N. Fairfax Dr., Ste 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ACCA
Air Conditioning Contractors of America
2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (703) 824-8868
Web: www.acca.org

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

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASIS
ASIS International
1625 Prince Street
Alexandria, VA 22314-2818
Phone: (703) 518-1439
Fax: (703) 518-1517
Web: www.asisonline.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

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

AWS
American Welding Society
8669 NW 36th Street
Suite #130
Miami, FL 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

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

CGA
Compressed Gas Association
14501 George Carter Way
Suite 103
Chantilly, VA 20151
Phone: (703) 788-2728
Fax: (703) 961-1831
Web: www.cganet.com

CPA
Composite Panel Association
19465 Deerfield Avenue
Suite 306
Leesburg, VA 20176
Phone: (703) 724-1128
Fax: (703) 724-1588

CSA
CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

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

GTESS
Georgia Tech Energy & Sustainability Services
75 Fifth Street N.W
Suite 300
Atlanta, GA 30308
Phone: (404) 407-6404
Fax: (404) 894-8194
Web: www.innovate.gatech.edu

ICC
International Code Council
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3817
Fax: (732) 796-6966
Web: www.ieee.org

IESNA
Illuminating Engineering Society of North America
120 Wall St. 17th Floor
New York, NY 10005
Phone: (212) 248-5000
Web: www.iesna.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

MedBiq
MedBiquitous Consortium
5801 Smith Avenue
Davis 3110C
Baltimore, MD 21209
Phone: (410) 735-6142
Fax: (410) 735-4660
Web: www.medbiq.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 769-5197
Web: www.nsf.org

RESNET
Residential Energy Services Network, Inc.
4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SAIA (ASC A92)
Scaffold & Access Industry Association
400 Admiral Boulevard
Kansas City, MO 64106
Phone: (816) 595-4860
Web: www.saiaonline.org

SPRI
Single Ply Roofing Institute
465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

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

UL
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709 -3995
Phone: (919) 549-1636
Fax: (919) 549-1636
Web: www.ul.com

ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 20635, Infant formula and adult nutritionals - Determination of vitamin C by (ultra) high performance liquid chromatography with ultraviolet detection ((U)HPLC-UV) - 1/3/2017, $46.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 16157, Space systems - Human-life activity support systems and equipment integration in space flight - Techno-medical requirements for space vehicle human habitation environments - 2/2/2017, $40.00

ISO/DIS 16726, Space systems - Human-life activity support systems and equipment integration in space flight - Techno-medical requirements for space vehicle human habitation environments - Requirements for the air quality affected by harmful chemical contaminants - 3/4/2017, $53.00

ISO/DIS 17763, Space systems - Human-life activity support systems and equipment integration in space flight - 3/4/2017, $46.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 13105-2/DAmd1, Building construction machinery and equipment - Machinery for concrete surface floating and finishing - Part 2: Safety requirements and verification - Amendment 1 - 3/10/2017, $29.00

CLEANROOMS AND ASSOCIATED CONTROLLED ENVIRONMENTS (TC 209)

ISO/DIS 14644-3, Cleanrooms and associated controlled environments - Part 3: Test methods - 1/8/2017, $146.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 1920-5, Testing of concrete - Part 5: Properties of hardened concrete other than strength - 12/25/2040, $67.00

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

ISO/DIS 23551-7, Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 7: Pressure sensing controls - 1/4/2017, $107.00

DENTISTRY (TC 106)

ISO/DIS 21533, Dentistry - Reusable cartridge syringes intended for intraligamentary injections - 1/8/2017, $53.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 19475-2, Document management applications - Minimum requirements for the storage of documents - Part 2: Storage - 3/2/2017, $40.00

FIRE SAFETY (TC 92)

ISO/DIS 19677, Guidelines for assessing the adverse impact of wildland fires on the environment and to people through environmental exposure - 3/8/2017, $77.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 20140-2, Automation systems and integration - Evaluating energy efficiency and other factors of manufacturing systems that influence the environment - Part 2: Environmental performance evaluation process - 3/4/2017, $58.00

INDUSTRIAL FANS (TC 117)

ISO/DIS 12759-3, Fans - Efficiency classification for fans - Part 3: Fans without drives at maximum operating speed - 1/8/2017, $46.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 12807, Safe transport of radioactive materials - Leakage testing on packages - 12/8/2016, $155.00

ISO/DIS 14146, Radiological protection - Criteria and performance limits for the periodic evaluation of dosimetry services - 1/4/2017, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 10110-14, Optics and photonics - Preparation of drawings for optical elements and systems - Part 14: Wavefront deformation tolerance - 3/4/2017, $58.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 11393-1, Protective clothing for users of hand-held chain-saws - Part 1: Test rig for testing resistance to cutting by a chain-saw - 1/7/2017, $71.00

ISO/DIS 11393-2, Protective clothing for users of hand-held chainsaws - Part 2: Performance requirements and test methods for leg protectors - 1/7/2017, $88.00

ISO/DIS 11393-3, Protective clothing for users of hand-held chain-saws - Part 3: Test methods for footwear - 1/7/2017, $58.00

ISO/DIS 11393-4, Protective clothing for users of hand-held chain-saws - Part 4: Test methods and performance requirements for protective gloves - 1/7/2017, $93.00

ISO/DIS 11393-5, Protective clothing for users of hand-held chain-saws - Part 5: Test methods and performance requirements for protective gaiters - 1/7/2017, $62.00

ISO/DIS 11393-6, Protective clothing for users of hand-held chain-saws - Part 6: Test methods and performance requirements for upper body protectors - 1/7/2017, $88.00

ROAD VEHICLES (TC 22)

ISO/DIS 21308-6, Road vehicles - Product data exchange between chassis and bodywork manufacturers (BEP) - Part 6: Coding of hook loader bodywork - 3/3/2017, $93.00

ISO/DIS 21308-7, Road vehicles - Product data exchange between chassis and body work manufacturers (BEP) - Part 7: Coding of skip loader bodywork - 3/3/2017, $93.00

ROLLING BEARINGS (TC 4)

ISO/DIS 3096, Rolling bearings - Needle rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 1/8/2017, $53.00

ISO/DIS 7063, Rolling bearings - Needle roller bearing track rollers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 3/10/2017, $58.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 20233-1, Ships and marine technology - Model test method for propeller cavitation noise evaluation in ship design - Part 1: Source level estimation - 1/4/2017, $62.00

TEXTILES (TC 38)

ISO/DIS 15487, Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying - 1/5/2017, $71.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 19940, Tyre stiffness index testing procedure for passenger extended mobility and run flat tyres - 3/9/2017, $53.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 24748-1, Systems and software engineering - Life cycle management - Part 1: Guidelines for life cycle management - 3/9/2017, $134.00

OTHER

ISO/IEC DGuide 14, Product information for consumers - 2/6/2017, $88.00

IEC Standards

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

17A/1129/CD, IEC/TR 62271-306 A1 Ed. 1: High-voltage switchgear and controlgear - Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers, 2017/1/20

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Newly Published ISO Standards

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

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 19075-5:2016, Information technology - Database languages - SQL Technical Reports - Part 5: Row Pattern Recognition in SQL, $240.00

ISO/IEC TR 20748-1:2016, Information technology for learning, education and training - Learning analytics interoperability - Part 1: Reference model, $173.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 5492/Amd1:2016, Sensory analysis - Vocabulary - Amendment 1, $51.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 7718-1:2016, Aircraft - Passenger doors interface requirements for connection of passenger boarding bridge or passenger transfer vehicle - Part 1: Main deck doors, $51.00

ISO 7718-2:2016, Aircraft - Passenger doors interface requirements for connection of passenger boarding bridge or passenger transfer vehicle - Part 2: Upper deck doors, $51.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 14405-3:2016, Geometrical product specifications (GPS) - Dimensional tolerancing - Part 3: Angular sizes, $149.00

FINE CERAMICS (TC 206)

ISO 14705:2016, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for hardness of monolithic ceramics at room temperature, $149.00

FLOOR COVERINGS (TC 219)

ISO 20251:2016, Textile floor coverings - Water impermeability test, $51.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

IEC 62264-3:2016, Enterprise-control system integration - Part 3: Activity models of manufacturing operations management, $88.00

NATURAL GAS FUELLING STATIONS FOR VEHICLES (TC 252)

ISO 16923:2016, Natural gas fuelling stations - CNG stations for fuelling vehicles, $200.00

PLASTICS (TC 61)

ISO 177:2016, Plastics - Determination of migration of plasticizers, $51.00

ISO 16620-4:2016, Plastics - Biobased content - Part 4: Determination of biobased mass content, $123.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 15493/Amd1:2016, Plastics piping systems for industrial applications - Acrylonitrile-butadiene-styrene (ABS), unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) - Specifications for components and the system - Metric series - Amendment 1, $22.00

ISO 10928:2016, Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Methods for regression analysis and their use, $200.00

ROAD VEHICLES (TC 22)

ISO 13296:2016, Diesel engines - High-pressure fuel injection pipe assemblies - General requirements and dimensions, $88.00

ISO 11898-2:2016, Road vehicles - Controller area network (CAN) - Part 2: High-speed medium access unit, $173.00

ISO 17987-7:2016, Road vehicles - Local Interconnect Network (LIN) - Part 7: Electrical Physical Layer (EPL) conformance test specification, $265.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 8033:2016, Rubber and plastics hoses - Determination of adhesion between components, $123.00

ISO 13775-2:2016, Thermoplastic tubing and hoses for automotive use - Part 2: Petroleum-based-fuel applications, $149.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 19355:2016, Ships and marine technology - Marine cranes - Structural requirements, $88.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO 19430:2016, Particle size analysis - Particle tracking analysis (PTA) method, $149.00

WATER RE-USE (TC 282)

ISO 16075-4:2016, Guidelines for treated wastewater use for irrigation projects - Part 4: Monitoring, $149.00

ISO Technical Reports

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO/TR 15499:2016, Biological evaluation of medical devices - Guidance on the conduct of biological evaluation within a risk management process, $123.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO/TR 19234:2016, Hydrometry - Low cost baffle solution to aid fish passage at triangular profile weirs that conform to ISO 4360, $123.00

LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

ISO/TR 8100-24:2016, Safety requirements for lifts (elevators) - Part 24: Convergence of lift requirements, $265.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 19844:2016, Health informatics - Identification of medicinal products - Implementation guidelines for data elements and structures for the unique identification and exchange of regulated information on substances, $265.00

SOLID BIOFUELS (TC 238)

ISO/TS 17225-8:2016, Solid biofuels - Fuel specifications and classes - Part 8: Graded thermally treated and densified biomass fuels, $123.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14443-3/Amd1:2016, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision - Amendment 1: RFU handling rules, $22.00

ISO/IEC 14443-4/Amd1:2016, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amendment 1: RFU handling rules, $22.00

ISO/IEC 19788-2/Amd1:2016, Information technology - Learning, education and training - Metadata for learning resources - Part 2: Dublin Core elements - Amendment 1: Non-literal content value data elements, $22.00

ISO/IEC 14496-10/Amd3:2016, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding - Amendment 3: Additional supplemental enhancement information, $22.00

ISO/IEC 14496-16/Amd3:2016, Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) - Amendment 3: Printing material and 3D graphics coding for browsers, $22.00

ISO/IEC 26557:2016, Software and systems engineering - Methods and tools for variability mechanisms in software and systems product line, $200.00

ISO/IEC 27004:2016, Information technology - Security techniques - Information security management - Monitoring, measurement, analysis and evaluation, $240.00

ISO/IEC 9075-1:2016, Information technology - Database languages - SQL - Part 1: Framework (SQL/Framework), $240.00

ISO/IEC 9075-2:2016, Information technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation), $265.00

ISO/IEC 9075-3:2016, Information technology - Database languages - SQL - Part 3: Call-Level Interface (SQL/CLI), $265.00

ISO/IEC 9075-4:2016, Information technology - Database languages - SQL - Part 4: Persistent stored modules (SQL/PSM), $265.00

ISO/IEC 9075-9:2016, Information technology - Database languages - SQL - Part 9: Management of External Data (SQL/MED), $265.00

ISO/IEC 20802-1:2016, Information technology - Open data protocol (OData) v4.0 - Part 1: Core, $265.00

ISO/IEC 20802-2:2016, Information technology - Open data protocol (OData) v4.0 - Part 2: OData JSON Format, $200.00

ISO/IEC 9075-10:2016, Information technology - Database languages - SQL - Part 10: Object language bindings (SQL/OLB), $265.00

ISO/IEC 9075-11:2016, Information technology - Database languages - SQL - Part 11: Information and definition schemas (SQL/Schemata), $265.00

ISO/IEC 9075-13:2016, Information technology - Database languages - SQL - Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT), $265.00

ISO/IEC 9075-14:2016, Information technology - Database languages - SQL - Part 14: XML-Related Specifications (SQL/XML), $265.00

ISO/IEC 21000-20:2016, Information technology - Multimedia framework (MPEG-21) - Part 20: Contract Expression Language, $265.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

National Association of Architectural Metal Manufacturers (NAAMM)

The reaccreditation of the National Association of Architectural Metal Manufacturers (NAAMM), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on NAAMM-sponsored American National Standards, effective December 21, 2016. For additional information, please contact: Mr. Wes Lewis, Structural Engineer & Technical Consultant, National Association of Architectural Metal Manufacturers, 123 College Place #1101, Norfolk, VA 23510; phone: 757.489.0787; e-mail: wlewis7@cox.net.

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation in accordance with ISO/IEC 17065

Acoura Marine Limited

Comment Deadline: January 23, 2017

Ms. Fiona Calder
Group Accreditation Manager
Acoura Marine Limited
6 Redheughs Rigg,
Edinburgh EH12 9DQ, United Kingdom
E-mail: fiona.calder@acoura.com
Web: www.acoura.com

On December 13, 2016, the ANSI Accreditation Committee voted to approve Acoura Marine Limited request for initial accreditation in Accordance to ISO/IEC 17065, as well as the following scopes:

Requirements for Certification Bodies Offering Certification against the Criteria of the Global Aquaculture Alliance Best Aquaculture Practices Standards Issue 14 (10th October 2016)

Finfish & Crustacean Farms

Mussel Farms

Mollusk Farms

Finfish, Crustacean & Mollusk Hatcheries & Nurseries

Feed Mills

Salmon Farms

Seafood Processing & Repacking Plant Standards

Please send your comments by January 23, 2017 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

New ISO/IEC Guide

Draft ISO/IEC Guide 14 on Product Information for Consumers

Comment Deadline: January 6, 2017

Please be informed that a working group of ISO's Policy Committee on Consumer Affairs (COPOLCO) has developed a draft ISO/IEC Guide 14 on Product Information for Consumers, with the following scope statement:

> This Guide provides guidance on provision of information concerning products and related services intended for consumers. It outlines general principles and recommendations for contents, methods, formats and design enabling consumers to compare and choose consumer products and related services prior to purchase. This Guide does not deal with conformity assessment.

Anyone wishing to review the draft can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, January 6, 2017

Establishment of ISO Project Committee

ISO/PC 310 – Wheeled Child Conveyances

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

ISO/PC 310 operates under the following scope:

> Standardization deliverable in the field of wheeled child conveyances designed for the carriage of one or more children. It covers safety requirements and test methods.
>
> Excluded: toys, shopping trolleys, baby carriers fitted with wheels, wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

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

ISO Proposal for a New Field of ISO Technical Activity

Gold

Comment Deadline: February 10, 2017

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

> The standardization of gold ores, gold concentrates, gold alloys (excluding gold jewelries), gold compounds, gold material and the standardization of the development, recovery and recycling of gold.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, February 10, 2017.

New Secretariats

ISO/TC 260 – Human resource management

Comment Deadline: January 6, 2017

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

ISO/TC 260 operates under the following scope:

> Standardization in the field of human resource management.

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

The change presented was made by adding a "nail-head pull through property requirement" to Table 1 properties of Engineered Wood trim in ANSI A135.7-2012. Note, public notice of this limited revision is related to an ANSI audit of the developer's process for developing A135.7.

TABLE 1
Properties of Engineered Wood Trim

PROPERTY	GRADE 1 REQUIREMENT	GRADE 2 REQUIREMENT	TEST METHOD[a,b]
Water Absorption, percent based on weight (max avg. per panel)	12	10	Section 36. Submerge the specimens horizontally under water. Specimen size shall be 3" x 6".[c]
Thickness Swelling, percent (max avg. per panel)	8	5	Section 36. Use a 19 mm (3/4") anvil on the micrometer. Submerge the specimens horizontally under water. Specimen size shall be 3" x 12".
Weatherability of Substrate, percent (max percent residual swell)	15	10	4.1. of this Standard. For embossed products, measure the thickness at a spot of no slope or minimal slope.
Weatherability of Primed Substrate	No checking, erosion, flaking or objectionable fiber raising. Less then 3.2 mm (0.125 in) of coating "picked up".	Same	4.2 of this Standard.
Linear Expansion, 30-80% RH(max percent)	0.35	Same	Section 24 and Notes 47 and 48 Specimens shall be cut parallel with the long dimension of the trim.
Modulus of Rupture, MPa (psi) (min avg. per panel)	9.6(1,400)	Same	Section 33. Test 3 specimens parallel.
Moisture Content, (percent)[d]	4 - 9	Same	Section 37.
Glue line durability - Following Boil	No complete delamination on any individual specimen.	Same	4.3 of this Standard.
Nail-head pull-through, N (lb) (min avg per panel)	670 (150)	Same	Section 15 except that specimens shall be tested in the dry condition. Three 6-penny (2.9 mm, 0.113 in wire diameter) common nails shall be used per specimen. The nails shall be driven into the specimen at least 25mm (1in) apart. The holding fixture shall consist of a plate with a 38mm (1-1/2 in) diameter opening centered in it, and the speed of testing shall be at a rate of 3.2-4.5 mm (0.125-0.175 in) per minute. For embossed products, disregard thickness.

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

Commercial powered food preparation equipment

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2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

40 C.F.R. §180.940 *Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations (Food-Contact Surface Sanitizing Solutions)*[3]

ANSI Z97.1 – 2009. Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test [4]

ANSI/ASSE 1001 – 2008. *Atmospheric Type Vacuum Breakers*[5]

ANSI/ASSE 1020 – 2004. *Pressure Vacuum Breaker Assembly*[5]

ANSI/ASSE 1022 – 2003. *Backflow Preventer for Beverage Dispensing Equipment*[5]

ANSI/ASSE 1024 –2004. *Dual Check Backflow Preventers*[5]

APHA Standards Methods for the Examination of Water and Wastewater, ~~21st edition~~ 22nd edition[6]

ASSE 1032 – 2004. *Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers – Post Mix Type*[5]

ASTM D618-08, Standard Practice for Conditioning Plastics for Testing[7]

FDA, Food Code 2009[8]

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[3] U. S. Government Printing Office, Washington, DC 20402 <www.gpo.gov>.

[4] American National Standards Institute, 25 West 43rd Street, New York, NY 10036 <www.ansi.org>.

[5] ASSE International Office, 901 Canterbury, Suite A, Westlake, OH 44145 <www.asse.org>.

[6] American Public Health Association, 800 I Street, NW, Washington, DC 20001 <www.apha.org>.

[7] ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428 <www.astm.org>.

[8] US Department of Health and Human Services, Public Health Service, Food and Drug Administration, College Park, MD

IAPMO – *Uniform Plumbing Code* ~~2009~~2015[9]

ICC – *International Plumbing Code* ~~2009~~2015[10]

IEEE/ASTM SI 10 – 2010. *American National Standard for Metric Practice* [11]

NSF/ANSI 51. *Food equipment materials*

NSF/ANSI 170. *Glossary of food equipment terminology*

UL 157 – 2007. Gaskets and Seals[12]

UL 197 – 2010. *Standard for Commercial Electrical Cooking Appliances*[12]

UL 471 – 2010. *Commercial Refrigerators and Freezers*[12]

Rationale: *Normative reference update.*

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5.22 Casters~~, rollers,~~ and gliders

If used, casters~~, rollers,~~ and gliders shall be easily cleanable and shall conform to NSF/ANSI 2.

Rationale: *Language updated to match boilerplate language in NSF/ANSI 2 – 2015. The term "rollers" is not used in NSF/ANSI 2 and is not defined in NSF/ANSI 170 – 2015.*

5.24.4 Backflow prevention

5.24.4.1 Units intended to be connected to a water supply system under pressure shall have one of the following:

– an air gap at least twice the diameter of the water supply inlet but not less than 1.0 in (25 mm); or

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20740 <www.fda.gov>.

[9] International Association of Plumbing and Mechanical Officials (IAPMO), 5001 E. Philadelphia St., Ontario, CA 91761 <www.iapmo.org>.

[10] International Code Council (ICC), 5203 Leesburg Pike, Suite 600; Falls Church, VA 22041 <www.iccsafe.org>.

[11] ASTM International, 100 Barr Harbor Dr., West Conshohocken, PA 19428 <www.astm.org>.

[12] UL, LLC ~~Underwriters Laboratories~~, Inc., 333 Pfingsten Road, Northbrook, IL 60062 <www.ul.com>.

– a vacuum breaker that conforms to ANSI/ASSE 1001[5], *Atmospheric Type Vacuum Breakers* (for intermittent pressure conditions); or

– a vacuum breaker that conforms to ANSI/ASSE 1020[5], *Pressure Vacuum Breaker Assembly* (for continuous pressure conditions); or

– a backflow prevention device that conforms to ANSI/ASSE 1022[5], *Backflow Preventer for Beverage Dispensing Equipment*; or

– a backflow prevention device that conforms to ANSI/ASSE 1024[5], *Dual Check Backflow Preventers*; or

– a backflow prevention device that conforms to ASSE 1032[5], *Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers – Post Mix Type*; or

– a statement in the installation instruction and on a label permanently affixed to the equipment that clearly indicates that the equipment is to be installed with adequate backflow protection to comply with applicable federal, state, and local codes.

Rationale: *Language updated to match boilerplate language in NSF/ANSI 2 – 2015, section 5.56.4.1*

Tracking #14i82 **Revision to NSF/ANSI 14-2016a**
 Issue 82, Revision 1 (December 2016)

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9 Quality assurance

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Table 36 – Thread Sealants

Test	Frequency
Threaded-Joint Test	Annually
Reactivity Test	Annually

Table 37 – PEX Geothermal Pipe and Fittings Frequency Table

Test	Pipe[1]	Fittings[2]	U-bends
Hydrostatic Pressure Test			Annually
Chemical Resistance	Annually		
Thermocyclic	Annually	Annually	
Pressure test	Annually	Annually	
Constant Tensile Load Joint Test	Annually	Annually	

1 PEX pipe shall conform to ASTM F876 or CSA B137.5 and follow the respective QC requirements
2 PEX Fittings shall conform to ASTM F877, ASTM F1055, ASTM F1807, ASTM F1960, ASTM F1961, ASTM F2080, ASTM F2159, ASTM F2434, or CSA B137.5

Tracking #50i125r1 **Revision to NSF/ANSI 50-2016**
 Issue 125, Revision 1 (December 2016)

Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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N.2.3.2 Chlorine/Bromine

N.2.3.2.1 Monitor display accuracy

a) Calibrate a spectrophotometer using standard solutions following Standard Methods 4500-Cl G, such that the instrument is capable of measuring available chlorine levels in the range of 0-10 ppm, or for bromine using HACH Method 8016 for available bromine levels in the range of 0 – 20 ppm.

b) Weigh 0.20 g of ~~5%~~ ~~sodium hypochlorite solution~~ a solution having 5% free chlorine derived from either sodium hypochlorite or calcium hypochlorite. Quantitatively transfer to a 1 L volumetric flask and dilute to volume using de-ionized water. The resulting stock solution should contain approximately 10 ppm available chlorine. For preparing an aqueous bromine solution obtain a 0.1N Bromine Standard Solution. Perform serial dilutions (e.g. 1/10; 1/10; 1/4; 1/2) so that the resulting stock solution contains approximately 20 ppm available bromine.

c) Using the appropriate analytical method from part a), measure the available chlorine level for the stock sodium hypochlorite or calcium hypochlorite solution, or the bromine level for the stock bromine standard solution.

d) Volumetrically dilute the stock sodium hypochlorite or calcium hypochlorite solution by the appropriate proportions to give four solutions between 0 and 10 ppm available chlorine. For example, diluting the stock to 1/5, 1/2, and 4/5 would provide the approximate concentrations of 2 ppm, 5 ppm, and 8 ppm; these dilutions along with the stock solution would give four solutions in the required concentration range. Using the spectrophotometer, measure the available chlorine level for each sodium hypochlorite solution. For bromine volumetrically dilute the stock bromine solution by the appropriate proportions to give four solutions between 0 and 20 ppm available chlorine…

N.2.3.2.2 Controller output accuracy

a) Using sodium hypochlorite or calcium hypochlorite and aqueous bromine stock solutions described in 2.3.2.1 prepare test solutions with a free available chlorine concentration of 2 mg/L as Cl2 (ppm), or 4 mg/L as Br2 (ppm).

b) Attach the sensor under test to the automated controller per manufacturer's instructions.

c) When testing for chlorine, set the controller to a set point of 3.0 ppm free available chlorine or 6.0 ppm free bromine.

d) Attach two indicators sized for the appropriate voltage into each output terminal of the automated controller.

e) Place the sensor, or influent tube, under test in the 2 ppm sodium hypochlorite solution, or the 4 ppm bromine solution.

f) Record the chlorine, or bromine level indicated on the display (in ppm) of the automated controller. Record the operation status of the automated controller.

g) Slowly add 1 N sodium hypochlorite or calcium hypochlorite solution (or 0.1 N aqueous bromine) until the controller de-actuates. Record the chlorine or bromine ppm on the controller display.
h) Slowly add 1 N sodium thiosulphate solution until the controller actuates. Record the chlorine or bromine ppm on the controller display.

N.2.3.3 ORP

N.2.3.3.1 Monitor display accuracy

When testing the ORP probe, the alkalinity should be in the range of 80 – 120 ppm and a pH of 7.5 ± 0.2 throughout all tests. The temperature should remain constant (room temperature) throughout the duration of all of the tests ± 3 °F.
b) Weigh 0.20 g of ~~5% sodium hypochlorite solution~~ a solution having 5% free chlorine derived from either sodium hypochlorite or calcium hypochlorite. Quantitatively transfer to a 1 L volumetric flask and dilute to volume using de-ionized water. The resulting stock solution should contain approximately 10 ppm available chlorine.
b) Volumetrically dilute the stock sodium hypochlorite or calcium hypochlorite solution by the appropriate proportions to give the following four solutions: 1 ppm, 3 ppm, 5 ppm, and 7 ppm chlorine.
c) Place three ORP sensors in the solution in b) and connect them to the displays/automated controllers, or place the influent tubes from three controllers in the solution, (actual samples under test, so that there will be three independent senor/display setups. Calibrate them per the manufacturer's instructions.
d) At each concentration record the readings of the three ORP sensors. Calculate the average of the readings at each concentration.

N.2.3.3.2 Controller output accuracy

a) Using sodium hypochlorite or calcium hypochlorite, prepare a test solution with a chlorine concentration of 2 mg/L as Cl2 (ppm).
b) Attach the sensor under test to the automated controller per manufacturer's instructions.
c) Attach two indicators sized for the appropriate voltage into each output terminal of the automated controller.
d) Place the sensor under test, or the influent tube of the controller, in the 2 ppm sodium hypochlorite solution.
e) Set the automated controller set point to just activate controlled output, verify output. Reduce set point to just deactivate controller output, verify output. Record ORP reading at set point.
f) Slowly add 1 N sodium hypochlorite or calcium hypochlorite solution until the controller de-actuates. Record the ORP display on the controller.
g) Slowly add 1 N sodium thiosulfate solution until the controller actuates. Record the ORP display on the controller.

Changes to draft PDS-01 incorporated into draft PDS-02 of BSR/RESNET/ICC 301-2014, Addendum D-201x

The excerpt from Table 4.2.2(1) is provided for context.
Table Note (m) in draft PDS-01 is changed in draft PDS-02 to add an exception.

Note: The strike/underline text in red indicate changes to the first public review draft PDS-01. Only those changes are open for public comment.

Thermal distribution systems:	Thermal distribution system efficiency (DSE) of 0.80 shall be applied to both the heating and cooling system efficiencies.	For forced air distribution systems: Tested in accordance with requirements equivalent to ANSI/RESNET/ICC Standard 380-2016~~Section 803 of the *Mortgage Industry National Home Energy Rating Systems Standards*~~ [(m)] and then either calculated through hourly simulation or calculated in accordance with ASHRAE Standard 152-2004 with the ducts located and insulated as in the Rated Home. For ductless distribution systems: DSE=1.00 For hydronic distribution systems: DSE=1.00

(m) ~~Tested duct leakage shall be determined and documented by an Approved Tester using the protocols equivalent to those specified in~~Duct leakage shall be tested by an Approved Tester in accordance with requirements of~~equivalent to~~ ANSI/RESNET/ICC Standard 380-2016 or equivalent~~Section 803 of the *Mortgage Industry National Home Energy Rating Systems Standards* by an Approved Tester~~.

Exception: The requirement to test for duct leakage to the outside shall be waived, and the ducts shall be assigned 0 (zero) leakage to the outside, if both of the following conditions are visually verified by an Approved Tester at the final stage of construction[15]:

- All ductwork and the air handler unit are completely within the Infiltration Volume of the home.

- All ductwork is visible

[15] Informational Note: The impacts of the duct location and insulation shall still be accounted for within the Approved Software Rating Tool. For example, if ducts are located within an unvented attic such that the ducts are within the Infiltration Volume but not Conditioned Space Volume, then the duct leakage may be assigned to zero, but the duct location and duct insulation level shall be modeled to account for conductive heat losses.

BSR/UL 1322, Standard for Safety for Fabricated Scaffold Planks and Stages

PROPOSALS

1. Revision to Add Multiple Suspension Points

1. Scope

1.1 These requirements cover the following;

a) Wood, metal, or a combination of wood and metal fabricated planks;

b) Fabricated platforms for use with suspended, fixed, or rolling scaffold;

c) Modular suspended platforms;

d) Scaffold decks;

e) Mobile work stands; ~~and~~

f) Work cages (baskets), and

g) Platforms with one, two, or multiple points.

3.11A MULTI-POINT SUSPENDED PLATFORM (MPSP) - A suspended platform that is supported from at least three separately spaced points and is more than 2.5 ft. (0.75 m) in width. MPSPs range from large area platforms, used for bridge repair and restoration work, to small platforms used for access and inspection applications. (Also known as a multi-point suspended scaffold or a multi-point bridge platform.)

4.13 A multipoint suspended platform (MPSP), independent of shape, shall be designed, constructed, and maintained in such a way that a failure of the support means shall not cause any part of the platform to collapse or fail under the most adverse loading condition as determined by the design of the platform. As an extra safety option, each stirrup can have two independent support lines. Testing shall be performed in the most adverse position.

7.1.4 The load applied to a two - or ~~three~~ -more person fabricated platform is to be equally applied by means of two blocks each located 18 inches (457 mm) from the center line of the platform to the center of the block. One block is to be located on each side of the center line of the product being tested.

7.2.2 The product is to be placed in a horizontal position and supported 12 inches (305 mm) from the ends of the side rail, or the stirrups in the case of modular stage platforms and modular suspended platforms with cantilevered sections. The supports on one end are to be raised so that one end of the product is 6 inches (152 mm) higher than the other end, and one side rail is to be raised so that the decking is at an angle of 15 degrees to the horizontal. The load is to be applied to the most adverse position of the platform.

8.4 For cantilevered sections used with the modular stage platform and modular suspended platform or multiple suspended platforms with a cantilever section, the load is to be applied as described in 7.1.5 and 7.1.6. The maximum deflection, measured at the outside edge of the cantilevered section, shall not exceed the values in Table 8.1.

9.2 The side rail deflection is to be measured with the product in a flat, horizontal position supported 12 inches (305 mm) from each end at the stirrups attachment point, in the case of modular stage platforms or multiple suspended platforms and modular suspended platforms with cantilevered sections, or by the end hooks for scaffold decks.

2. Anchoring Directly to the Platform

10.2 The decking strength is to be determined with the test unit in a flat, horizontal position, supported 12 inches (305 mm) from each end at the stirrups attachment point in the case of modular stage platforms, multiple suspended platforms, and modular suspended platforms with cantilevered sections or by the end hooks for scaffold decks. The test load is to be applied to the decking as specified in Table 10.1. If decking is provided with trapdoors the test is also conducted on the center of the trapdoor.

12.1 A modular stage platform or modular suspended platform or multiple suspended platform with cantilevered sections, when subjected to a test load of two times the working load, shall not lift from the support at the platform end opposite the location where the test load is applied.

12.3 A load of 100 lbs. (45 kg), simulating the stirrup, hoist, and other accessories, shall be applied equally to the side rails by means of a nominal 4-inch (102-mm) wide block, located directly over the support at the platform end opposite where the test load is applied.

Exception: This requirement does not apply if the platform is provided with hoist mounting.

13. Stirrup Strength Test

13.5 For a multiple suspended platform with a cantilever section, a load of two times the rated load plus one-half the platform weight is to be applied to a single stirrup.

21. Instructions

21.2 The instructions shall contain only information that applies to the specific type of product and shall include those items in the following list that are applicable to the product.

Items (a) - (v) have not been changed

w) When using a multiple suspended platform, always remember to level all stirrups to 0 degrees before operating the platform.

BSR/UL 8750, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products

1. Add Supplement SF - Requirements for LED Equipment with Wired Control Circuits

SF1.1 ~~These~~ This supplement contains requirements ~~apply to~~ for LED equipment with wired control circuits ~~that are either isolated (as defined in 3.9) or Class 2 circuits (as defined in 3.3)~~.

~~SF2.1 CONTROL CIRCUIT TYPES (SOURCE & SINK) - Control circuits may either be a source (powered from the equipment under test) or a sink (powered from an external supply) of the controlling voltage or current:~~

~~a) A control circuit that supplies an external component (i.e., resistor, sensor) is a source, since the LED equipment provides the supply.~~

~~b) A control circuit that is supplied from an external device is a sink, since the source of supply is external to the equipment under test.~~

~~SF2.2 LED EQUIPMENT - In this supplement, LED equipment refers to LED controllers, LED drivers, and LED modules.~~

SF2.3 WIRED CONTROL CIRCUITS - Circuits integral to LED equipment that are intended to ~~remotely~~ manage power, light output characteristics, transmission of operational/performance data, and the like, also identified as the control circuit~~s~~ in this supplement (see Figure SF2.1). Some designs may not include both of the primary and secondary circuits depicted.

SF3.1 ~~When t~~The control circuit ~~is a sink, it~~ shall be spaced or isolated from ~~all~~ other circuits of the LED equipment as follows:~~.~~

a) Control circuit lead wires, terminals, and wire connectors shall comply with the requirements for Separation of Circuits, Section 7.5~~, as applicable.~~

b) PWB spacings between the control circuit~~s~~ and other circuits of the LED equipment shall comply with 7.8.2~~.~~

c) Components that bridge between the control circuit~~s~~ and other circuits of the LED equipment shall comply with 7.9.2, and~~.~~

d) Isolation transformers located between the control circuit~~s~~ and other circuits of the LED equipment shall comply with the requirements for Coil Insulation, Section 7.11.

Exception: The requirements in SF3.1 do not apply when:

a) The control circuit does not exit the lighting equipment (i.e. the control circuit is internal to a fire/electrical enclosure),

b) Risks of fire and shock concerns due to interposed circuits between different components of the lighting equipment are addressed by circuit analysis, component abnormal tests, or both,

c) The required isolation for Isolated, Class 2, or LVLE power circuits is not compromised,

d) The control circuit is marked per SF8.4, and

e) The installation instructions include related information described in SF8.5.

~~SF3.2 When the control circuit is a source, it shall be isolated from all non-isolated circuits of the LED equipment.~~

~~a) Control circuit lead wires, terminals, and wire connectors shall comply with the requirements for Separation of Circuits, Section 7.5, as applicable.~~

~~b) PWB spacings between non-isolated circuits and control circuits of the LED equipment shall comply with 7.8.2.~~

~~c) Components that bridge between control circuits and non-isolated circuits of the LED equipment shall comply with 7.9.2.~~

~~d) Isolation transformers located between non-isolated circuits and control circuits of the LED equipment shall comply with the requirements for Coil Insulation, Section 7.11.~~

SF4.1 Control circuit lead wires and terminals shall comply with 7.4.4 ~~as applicable~~.

SF4.2 Control circuit lead wires shall be a color other than white, green, or green with yellow stripe. When a control circuit lead wire is grey based on industry or proprietary control circuit protocols, the ~~LED equipment~~ branch circuit grounded conductor (common or neutral) shall be white.

SF5.1 When the control circuit ~~is a source~~ supplies power (to other equipment), the characteristics (V, A, W) of the ~~supply~~ power source shall be measured to confirm compliance with rated circuit characteristics as designated by the manufacturer. Additionally, if the power source is designated as Class 2, it shall comply with 7.12.

~~SF5.2 When the control circuit is a source that is designated as Class 2, it shall comply with the requirements for Class 2 Output Circuits, Section 7.12.~~

SF7.1 Control circuits are subject to the requirements in Dielectric Voltage Withstand Test, Section 8.6, based on the required levels for isolated circuits as identified in ~~SF3.1 and SF3.2~~ Separation of Circuits, Section SF3.

SF8.1 LED equipment ~~with control circuits~~ shall be marked to identify:

a) The terminals or lead wires for control circuits, and

b) The intended industry or proprietary control circuit protocols as applicable.

~~SF8.2 Electrical ratings for a control circuit shall be marked on the LED equipment.~~

~~*Exception: This information may be identified in the accompanying documents.*~~

SF8.3 ~~A Class 2~~ LED equipment with control circuits ~~that is a source~~ shall ~~comply with the requirements for Class 2 Output Circuits, Section 7.12, and~~ be marked Class 2 when:~~.~~

a) The circuit has been evaluated as a Class 2 circuit, or

b) The circuit is intended for connection to an external Class 2 supply.

SF8.3.1 LED equipment with a control circuit that is intended for connection to an external supply (other than Class 2) shall be marked "CAUTION: More than one power supply present" or equivalent.

~~SF8.4 A Class 2 control circuit that is a sink and intended for connection to a Class 2 supply shall be marked "Suitable for Class 2 wiring" or equivalent.~~

SF8.4 LED equipment that leverage the Exception to SF3.1 shall be marked adjacent to the terminals or lead wires: "Notice: This control circuit is not isolated - see installation instructions" or equivalent.

SF8.5 LED equipment installation ~~and user guides~~ instructions shall include:

a) A description of the electrical characteristics of the control circuit,

b) The intended function of the control circuit,

c) Details of product markings described in Markings, Section SF8, and

d) The manufacturer's recommendations for ~~its~~ proper installation ~~and use~~ of the control circuit (e.g., acceptable system wiring configurations, considerations for load distribution, cumulative control circuits leakage currents, acceptability of the control circuit to exit the luminaire, acceptable control and sense devices that can be integrated with the control circuit, etc.).

SF8.6 Product markings specified in SF8.1, SF8.3, and SF8.4 may be included in the installation instructions if the LED equipment is intended to be integrated inside the lighting equipment.

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

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

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ISSUE	SUBMIT START	*SUBMIT END 5PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
30	7/11/2017	7/17/2017	Jul-28	8/27/2017	9/11/2017	9/26/2017
31	7/18/2017	7/24/2017	Aug-4	9/3/2017	9/18/2017	10/3/2017
32	7/25/2017	7/31/2017	Aug-11	9/10/2017	9/25/2017	10/10/2017
33	8/1/2017	8/7/2017	Aug-18	9/17/2017	10/2/2017	10/17/2017
34	8/8/2017	8/14/2017	Aug-25	9/24/2017	10/9/2017	10/24/2017
35	8/15/2017	8/21/2017	Sep-1	10/1/2017	10/16/2017	10/31/2017
36	8/22/2017	8/28/2017	Sep-8	10/8/2017	10/23/2017	11/7/2017
37	8/29/2017	9/4/2017	Sep-15	10/15/2017	10/30/2017	11/14/2017
38	9/5/2017	9/11/2017	Sep-22	10/22/2017	11/6/2017	11/21/2017
39	9/12/2017	9/18/2017	Sep-29	10/29/2017	11/13/2017	11/28/2017
40	9/19/2017	9/25/2017	Oct-6	11/5/2017	11/20/2017	12/5/2017
41	9/26/2017	10/2/2017	Oct-13	11/12/2017	11/27/2017	12/12/2017
42	10/3/2017	10/9/2017	Oct-20	11/19/2017	12/4/2017	12/19/2017
43	10/10/2017	10/16/2017	Oct-27	11/26/2017	12/11/2017	12/26/2017
44	10/17/2017	10/23/2017	Nov-3	12/3/2017	12/18/2017	1/2/2018
45	10/24/2017	10/30/2017	Nov-10	12/10/2017	12/25/2017	1/9/2018
46	10/31/2017	11/6/2017	Nov-17	12/17/2017	1/1/2018	1/16/2018
47	11/7/2017	11/13/2017	Nov-24	12/24/2017	1/8/2018	1/23/2018
48	11/14/2017	11/20/2017	Dec-1	12/31/2017	1/15/2018	1/30/2018
49	11/21/2017	11/27/2017	Dec-8	1/7/2018	1/22/2018	2/6/2018
50	11/28/2017	12/4/2017	Dec-15	1/14/2018	1/29/2018	2/13/2018
51	12/5/2017	12/11/2017	Dec-22	1/21/2018	2/5/2018	2/20/2018
52	12/12/2017	12/18/2017	Dec-29	1/28/2018	2/12/2018	2/27/2018