ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: November 20, 2016

NSF (NSF International)

Revision

BSR/NSF 42-201x (i91r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce specific aesthetic-related (non-health effects) contaminants in public or private water supplies. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

NSF (NSF International)

Revision

BSR/NSF 350-201x (i13r1), Onsite Residential and Commercial Reuse Treatment Systems (revision of ANSI/NSF 350-2014)

This Standard contains minimum requirements for onsite residential and commercial water treatment systems.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 859-201X, Standard for Safety for Household Electric Personal Grooming Appliances (Proposal dated 10-21-16) (revision of ANSI/UL 859-2012)

This proposal includes (1) Addition of requirements for personal grooming appliances incorporating button or coin cell batteries of lithium technologies; (2) New and revised references and relocated Section 33.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1310-201x, Standard for Safety for Class 2 Power Units (Proposal dated 10-21-16) (revision of ANSI/UL 1310-2014)

The following is proposed: (1) Exception to the maximum voltage requirements for a power supply in a no-load condition, and (2) Clarification of spacing requirements on a semiconductor device.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549-1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1635-201x, Standard for Safety for Digital Alarm Communicator System Units (revision of ANSI/UL 1635-2015)

This covers revisions to the operation requirements due to comments received.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

Comment Deadline: December 5, 2016

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S640 MONYEAR-201x, Definition of Metrics of Radiation for Plant Growth (Controlled Environment Horticulture) Applications (new standard)

This standard provides definitions and descriptions of metrics based on radiation measurements for plant growth and development.

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)

Revision

BSR/ASABE S623.1 MONYEAR-201x, Determining Landscape Plant Water Demands (revision and redesignation of ANSI/ASABE S623-2015)

To provide science-based guidelines for determination of the minimum plant water demands for mixed species landscapes that maintain adequate aesthetic quality. Plant water demands can be met by any combination of precipitation and irrigation.

Single copy price: $58.00

Obtain an electronic copy from: brace@asabe.org

Order from: Walter Brace, (269) 932-7009, brace@asabe.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR/ATIS 0600005-2006 (R201x), Acoustic Measurement (reaffirmation of ANSI/ATIS 0600005-2006 (R2011))

Acoustic noise from telecom equipment adds to regulated environmental noise. This standard provides measurement methods for acoustic noise that are accurate and repeatable. Emission limits are set in units of sound power for equipment installed in temperature-controlled environments.

Single copy price: $60.00

Obtain an electronic copy from: ablasgen@atis.org

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

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

AWS (American Welding Society)

Revision

BSR/AWS C1.4M/C1.4-201X, Specification for the Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4-2009)

This specification establishes welding equipment requirements and welding procedures used to produce welds of acceptable quality in coated and uncoated carbon and low alloy steels, including mild steels and high-strength low-alloy (HSLA) steels. Since this standard relies on a pulled button to validate the welding procedure, it may not apply to the welding of Advanced High-Strength Steels (AHSS) including: dual phase (DP), transformation induced plasticity (TRIP), complex phase (CP), and martensitic steels (MART); or to Hot Stamped Steels (HSS).

Single copy price: $32.00

Obtain an electronic copy from: ababinski@aws.org

Order from: Annik Babinski, (800) 443-9353, ababinski@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS C3.5M/C3.5-201x-AMD1, Specification for Induction Brazing (revision of ANSI/AWS C3.5M/C3.5-2016)

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

Single copy price: $32.00

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS D3.6M-201x, Underwater Welding Code (revision of ANSI/AWS D3.6M-2010)

This Code covers the requirements for welding structures or components under the surface of water. It includes welding in both dry and wet environments.

Single copy price: $54.00

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C508-201x, Swing-Check Valves for Waterworks Service, 2-In. Through 48-In. (50-mm Through 1200-mm) NPS (revision, redesignation and consolidation of ANSI/AWWA C508-2009, ANSI/AWWA C508a-2012)

This standard describes iron-body, unassisted, swing-check valves, 2-in. through 48-in. (50-mm through 1200-mm) NPS, with mechanical-joint or flanged ends that are installed in approximately level settings in water systems.

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

NETA (InterNational Electrical Testing Association)

Revision

BSR/NETA ATS-201x, ANSI/NETA Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ATS-2013)

It is the intent of this document to assure that all tested electrical equipment and systems supplied by either contractor or owner are operational and within applicable standards and manufacturer's tolerances and that equipment and systems are installed in accordance with design specifications.

Single copy price: $495.00 USD

Obtain an electronic copy from: kwicks@netaworld.org

Order from: Kristen Wicks, (269) 488-6382, kwicks@netaworld.org

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

SCTE (Society of Cable Telecommunications Engineers)

New National Adoption

BSR/SCTE 234-201x, ISO 50001:2011, Energy Management Systems, Energy Metrics, with Guidance for Use (national adoption with modifications of ISO 50001:2011)

ISO 50001:2011 specifies requirements for establishing, implementing, maintaining, and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy use, and consumption.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 2420-2012a (R201x), Standard for Safety for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (reaffirmation of ANSI/UL 2420-2012a)

(1) Reaffirmation and continuous use of the first edition of the Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings.

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: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

Comment Deadline: December 20, 2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME PTC 31-2011 (R201x), High-Purity Water Treatment System (reaffirmation of ANSI/ASME PTC 31-2011)

This Code defines the procedures for the accurate field testing of high-purity water treatment systems for the purpose of determining level of performance. It is based on the use of accurate instrumentation and the best analytical and measurement procedures available.

Single copy price: $45.00

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

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

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ADA (American Dental Association)

BSR/ADA 59-199x, Tabletop Steam Sterilizers for Use in Dentistry (new standard)

Inquiries may be directed to Kathy Medic, (312) 440-2533, medick@ada.org

ADA (American Dental Association)

BSR/ADA 106-199x, Dental Amalgam Capsule (new standard)

Inquiries may be directed to Kathy Medic, (312) 440-2533, medick@ada.org

Call for Members (ANS Consensus Bodies)

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

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street NW
Suite 500
Washington, DC 20005

Contact: *Alexandra Blasgen*

Phone: (202) 434-8840

E-mail: ablasgen@atis.org

BSR/ATIS 0600003-201x, Battery Enclosure and Rooms/Areas (revision of ANSI/ATIS 0600003-2007 (R2012))

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS C1.4M/C1.4-201X, Specification for the Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4 -2009)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CTA 2052.2-201x, Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications (new standard)

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854

Contact: *Lisa Yacone*

Phone: (732) 562-6003

Fax: (732) 562-1571

E-mail: l.yacone@ieee.org

BSR/IEEE 524-201x, Guide to the Installation of Overhead Transmission Line Conductors (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 350-201x (i13r1), Onsite Residential and Commercial Reuse Treatment Systems (revision of ANSI/NSF 350-2014)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 568.0-D-1-201x, Generic Telecommunications Cabling for Customer Premises - Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.0-D -2015)

BSR/TIA 568.1-D-1-201x, Commercial Building Telecommunications Infrastructure Standard - Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.1-D -2015)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/IEC 60601-1-12-2016, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment (identical national adoption of IEC 60601-1-12:2014): 10/6/2016

ABYC (American Boat and Yacht Council)

New Standard

* ANSI/ABYC EDU-2-2016, Skill-Based Human Propelled Standard (new standard): 10/11/2016

ADA (American Dental Association)

Withdrawal

ANSI/ADA Specification No. 1001-2002, Guidelines for the Design of Educational Software (withdrawal of ANSI/ADA Specification No. 1001-2002 (R2011)): 10/17/2016

AISI (American Iron and Steel Institute)

New Standard

ANSI/AISI S917-2017, Test Standard for Determination of Fastener-Sheathing Local Translational Stiffness (new standard): 10/11/2016

ANSI/AISI S918-2017, Test Standard for Determination of Fastener-Sheathing Rotational Stiffness (new standard): 10/11/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 2.29-2008 (R2016), Probabilistic Seismic Hazard Analysis (reaffirmation of ANSI/ANS 2.29-2008): 10/11/2016

ANSI/ANS 8.22-1997 (R2016), Nuclear Criticality Safety Based on Limiting and Controlling Moderators (reaffirmation of ANSI/ANS 8.22 -1997 (R2011)): 10/17/2016

ANSI/ANS 19.10-2009 (R2016), Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals (reaffirmation of ANSI/ANS 19.10-2009): 10/11/2016

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD500-2:OCT2016, Agricultural tractors - Rear-mounted power take-off types 1, 2, 3 and 4 - Part 2: Narrow-track tractors, dimensions for master shield and clearance zone (national adoption of ISO 500-2:2004 with modifications and revision of ANSI/ASABE/ISO 500-2-2010): 10/11/2016

ANSI/ASABE AD8759-2-OCT2016, Agricultural wheeled tractors - Front-mounted equipment - Part 2: Stationary equipment connection (identical national adoption of ISO 8759-2:1998 and revision of ANSI/ASABE AD8759-2:1998 DEC2010 (R2016)): 10/11/2016

Withdrawal

* ANSI/ASAE S323.2-1989, Definitions of Powered Lawn and Garden Equipment (withdrawal of ANSI/ASAE S323.2-1989 (R2015)): 10/11/2016

ASCE (American Society of Civil Engineers)

New Standard

ANSI/ASCE/EWRI 62-2016, Standard Guidelines for the Design of Stormwater Impoundments (new standard): 10/5/2016

ANSI/ASCE/EWRI 63-2016, Standard Guidelines for the Installation of Stormwater Impoundments (new standard): 10/5/2016

ANSI/ASCE/EWRI 64-2016, Standard Guidelines for the Operation and Maintenance of Stormwater Impoundments (new standard): 10/11/2016

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

Addenda

ANSI/ASHRAE 55g-2016, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013): 10/1/2016

ANSI/ASHRAE/IES 90.1bn-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 9/28/2016

ANSI/ASHRAE/IES 90.1bz-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 9/28/2016

ANSI/ASHRAE/IES 90.1cd-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 10/7/2016

ANSI/ASHRAE/IES 90.1ch-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 9/28/2016

ANSI/ASHRAE/IES 90.1cy-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 10/7/2016

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B5.8-2001 (R2016), Chucks and Chuck Jaws (reaffirmation of ANSI/ASME B5.8-2001 (R2011)): 10/11/2016

ANSI/ASME B18.6.1-1981 (R2016), Wood Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.1-1981 (R2008)): 10/11/2016

ANSI/ASME B29.1-2011 (R2016), Precision Power Transmission Roller Chains, Attachment and Sprockets (reaffirmation of ANSI/ASME B29.1-2011): 10/17/2016

ANSI/ASME B29.22-2001 (R2016), Drop Forged Rivetless Chains, Sprockets Teeth Drive Chain/Drive Dogs (reaffirmation of ANSI/ASME B29.22-2001 (R2009)): 10/11/2016

ANSI/ASME B29.24M-2002 (R2016), Roller Load Chains for Overhead Hoists (reaffirmation of ANSI/ASME B29.24M-2002 (R2009)): 10/12/2016

ANSI/ASME B29.100-2011 (R2016), Double-Pitch Roller Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.100 -2011): 10/17/2016

ANSI/ASME B89.1.8-2011 (R2016), Performance Evaluation of Displacement-Measuring Laser Interferometers (reaffirmation of ANSI/ASME B89.1.8-2011): 10/17/2016

ANSI/ASME MFC-8M-2001 (R2016), Fluid Flow in Closed Conduits - Connections for Pressure Signal Transmission between Primary and Secondary Devices (reaffirmation of ANSI/ASME MFC-8M-2001 (R2011)): 10/11/2016

Revision

ANSI/ASME B16.21-2016, Nonmetallic Flat Gaskets for Pipe Flanges (revision of ANSI/ASME B16.21-2011): 10/11/2016

ASSE (ASC A10) (American Society of Safety Engineers)

Revision

ANSI/ASSE A10.11-2016, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010): 10/11/2016

ASSE (ASC Z244) (American Society of Safety Engineers)

Revision

ANSI/ASSE Z244.1-2016, The Control of Hazardous Energy Lockout, Tagout and Alternative Methods (revision of ANSI ASSE Z244.1 -2003 (R2014)): 10/13/2016

ASTM (ASTM International)

Revision

ANSI/ASTM E108-2016, Test Methods for Fire Tests of Roof Coverings (revision of ANSI/ASTM E108-2011): 10/1/2016

ANSI/ASTM E1352-2016, Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies (revision of ANSI/ASTM E1352-2007): 9/20/2016

ANSI/ASTM E1353-2016, Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture (revision of ANSI/ASTM E1353-2007): 9/20/2016

ANSI/ASTM E2965-2016a, Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E2965 -2016): 9/20/2016

ANSI/ASTM E3020-2016a, Practice for Ignition Sources (revision of ANSI/ASTM E3020-2016): 9/20/2016

AWS (American Welding Society)

Reaffirmation

ANSI/AWS A4.4M:2001 (R2016), Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings (reaffirmation of ANSI/AWS A4.4M-2001): 10/11/2016

AWWA (American Water Works Association)

Revision

ANSI/AWWA B511-2017, Potassium Hydroxide (revision of ANSI/AWWA B511-2010): 10/13/2016

ANSI/AWWA B550-2017, Calcium Chloride (revision of ANSI/AWWA B550-2010): 10/13/2016

ANSI/AWWA C111/A21.11-2017, Rubber-Gasket Joints for Ductile Iron Pressure Pipe and Fittings (revision of ANSI/AWWA C111/A21.11-2012): 10/11/2016

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.7-2016, Template Hinge Dimensions (revision of ANSI/BHMA A156.7-2014): 10/11/2016

* ANSI/BHMA A156.115-2016, Hardware Preparation In Steel Doors And Steel Frames (revision of ANSI/BHMA A156.115-2014): 10/11/2016

CTA (Consumer Technology Association)

New Standard

* ANSI/CTA 2056-2016, Physical Activity Monitoring for Fitness Wearables - Step Counting (new standard): 10/11/2016

ESA (Electronic Security Association, Inc.)

Withdrawal

ANSI/ESA SRSS-01-2007, The Standard for Remote Supervising Station (withdrawal of ANSI/NBFAA SRSS-01-2007): 10/12/2016

ESTA (Entertainment Services and Technology Association)

Revision

ANSI E1.4-1-2016, Entertainment Technology - Manual Counterweight Rigging Systems (revision and partition of ANSI E1.4-2014): 10/11/2016

ANSI E1.22-2016, Entertainment Technology - Fire Curtain Safety Systems (revision of ANSI E1.22-2009): 10/11/2016

ANSI E1.31-2016, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31 -2009): 10/11/2016

HL7 (Health Level Seven)

Reaffirmation

ANSI/HL7 CMS V1.6-2011 (R2016), HL7 Context Management Specification, Version 1.6 (reaffirmation of ANSI/HL7 CMS V1.6 -2011): 10/13/2016

Revision

ANSI/HL7 V3 RBAC, R3-2016, HL7 Version 3 Standard: Healthcare (Security and Privacy) Access Control Catalog, Release 3 (revision and redesignation of ANSI/HL7 V3 RBAC, R2-2010): 10/5/2016

HPS (ASC N43) (Health Physics Society)

Reaffirmation

ANSI N43.14-2011 (R2016), Radiation Safety for Active Interrogation Systems for Security Screening of Cargo, Energies up to 100 MeV (reaffirmation of ANSI N43.14-2011): 10/11/2016

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Revision

ANSI C63.2-2016, Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz Specifications (revision of ANSI C63.2-2009): 10/11/2016

IESNA (Illuminating Engineering Society of North America)

Revision

ANSI/IES RP-28-2016, Lighting and the Visual Environment for Seniors and the Low Vision Population (revision and redesignation of ANSI/IESNA RP-28-2007): 10/11/2016

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

New Standard

INCITS 504-3-2016, Information Technology - Generic Identity Command Set - Part 3: GICS Platform Testing Requirements (new standard): 10/12/2016

INCITS 524-2016, Information Technology - AT Attachment 8 - ATA/ATAPI Parallel Transport (ATA8-APT) (new standard): 10/11/2016

INCITS 537-2016, Information technology - Zoned-device ATA Commands (ZAC) (new standard): 10/11/2016

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP TC vE9-2016, NCPDP Telecommunication Standard vE9 (revision and redesignation of BSR/NCPDP TC vE8-201x): 10/11/2016

NECA (National Electrical Contractors Association)

Revision

* ANSI/NECA/FOA 301-2016, Standard for Installing and Testing Fiber Optic Cables (revision of ANSI/NECA/FOA 301-2010): 10/5/2016

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmation

ANSI/CGATS.4-2011 (R2016), Graphic technology - Graphic arts reflection densitometry measurements - Terminology, equations, image elements and procedures (reaffirmation of ANSI CGATS.4 -2011): 10/11/2016

ANSI/CGATS/ISO 12640-3-2007 (R2016), Graphic technology - Prepress digital data exchange - Part 3: CIELAB standard colour image data (CIELAB/SCID) (reaffirmation of ANSI CGATS/ISO 12640-3-2007): 10/11/2016

ANSI/CGATS/ISO 15930-7-2010 (R2016), Graphic technology - Prepress digital data exchange using PDF - Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6 (reaffirmation of ANSI/CGATS/ISO 15930-7-2010): 10/11/2016

ANSI/CGATS/ISO 15930-8-2010 (R2016), Graphic technology - Prepress digital data exchange using PDF - Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5) (reaffirmation of ANSI CGATS/ISO 15930-8-2010): 10/11/2016

NSF (NSF International)

Revision

* ANSI/NSF 60-2016 (i75r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015): 10/12/2016

* ANSI/NSF 61-2016 (i133r1), Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2015): 10/12/2016

* ANSI/NSF 358-3-2016 (i2r1), Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (revision of ANSI/NSF 358-3): 10/2/2016

PLATO (Portable Lights American Trade Organization)

Revision

* ANSI/PLATO FL 1-2016, Flashlight Basic Performance Standard (revision and redesignation of ANSI/NEMA FL1-2009): 10/12/2016

RESNET (Residential Energy Services Network, Inc.)

New Standard

* ANSI/RESNET 1201-2016, Standard Method of Test for the Evaluation of Building Energy Analysis Model Calibration Methods (new standard): 10/14/2016

SCTE (Society of Cable Telecommunications Engineers)

New Standard

ANSI/SCTE 231-2016, General Test Procedures for Evaluation of Energy Efficiency Metrics and in Support of Functional Density Metrics (new standard): 10/13/2016

ANSI/SCTE 232-2016, Key Performance Metrics: Energy Efficiency & Functional Density of CMTS, CCAP, and Time Server Equipment (new standard): 10/13/2016

Revision

ANSI/SCTE 15-2016, Specification for Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 15-2002 (R2006)): 10/11/2016

ANSI/SCTE 34-2016, Test Method for Cored Depth Verification (revision of ANSI/SCTE 34-2010): 10/13/2016

ANSI/SCTE 130-5-2016, Digital Program Insertion-Advertising Systems Interfaces - Part 5: Placement Opportunity Information Service (revision of ANSI/SCTE 130-5-2010): 10/11/2016

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 62275-2016, Standard for Safety for Cable Management Systems - Cables Ties for Electrical Installations (Proposal dated 5 -29-15) (national adoption of IEC 62275 with modifications and revision of ANSI/UL 62275-2010 (R2014)): 10/12/2016

ANSI/UL 62275-2016a, Standard for Safety for Cable Management Systems - Cables Ties for Electrical Installations (Proposal dated 12 -18-15) (national adoption of IEC 62275 with modifications and revision of ANSI/UL 62275-2010 (R2014)): 10/12/2016

New Standard

ANSI/UL 2743-2016, Standard for Portable Power Packs (new standard): 10/13/2016

ANSI/UL 2743-2016a, Standard for Portable Power Packs (new standard): 10/13/2016

Reaffirmation

* ANSI/UL 100-2012 (R2016), Standard for Safety for Sustainability for Gypsum Boards and Panels (reaffirmation of ANSI/UL 100-2012): 10/10/2016

ANSI/UL 840-2012 (R2016), Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (reaffirmation of ANSI/UL 840-2012): 10/5/2016

Revision

ANSI/UL 25-2016a, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (revision of ANSI/UL 25-2016): 10/7/2016

ANSI/UL 25A-2016a, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2016): 10/7/2016

ANSI/UL 25B-2016a, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2016): 10/7/2016

ANSI/UL 231-2016, Standard for Safety for Power Outlets (Proposals dated 7/8/16) (revision of ANSI/UL 231-2010 (R2014)): 10/5/2016

ANSI/UL 521-2016, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2010 (R2015)): 10/12/2016

* ANSI/UL 1083-2016b, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 8/5/16) (revision of ANSI/UL 1083-2016): 10/4/2016

ANSI/UL 1090-2016, Standard for Safety for Electric Snow Blowers (revision of ANSI/UL 1090-2012): 10/5/2016

* ANSI/UL 1261-2016, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2014): 10/7/2016

* ANSI/UL 1563-2016, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563 -2012): 10/7/2016

* ANSI/UL 1951-2016, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2014): 10/7/2016

ANSI/UL 2353-2016, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (Proposal dated 3-25-16) (revision of ANSI/UL 2353-2015a): 10/10/2016

ANSI/UL 2353-2016a, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2015): 10/10/2016

ANSI/UL 2586A-2016, Standard for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 2586A-2015): 10/13/2016

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.

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 WK56154-201x, New Guide for Design, Construction and Operation of Vessels Providing Accommodation Service to Offshore Installations (new standard)

Stakeholders: Structures industry.

Project Need: Guidelines are provided for the design, construction, and operation of an Accommodation Service Vessel (ASV) intended to provide accommodation services to an offshore installation.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56154.htm

BSR/ASTM WK56178-201x, New Guide for Care and Treatment of Body Padding Products (new standard)

Stakeholders: Body Padding industry.

Project Need: This is a guide for the care and treatment of body padding products.

https://www.astm.org/DATABASE.CART/WORKITEMS/WK56178.htm

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street NW
Suite 500
Washington, DC 20005

Contact: *Alexandra Blasgen*

E-mail: ablasgen@atis.org

BSR/ATIS 0600003-201x, Battery Enclosure and Rooms/Areas (revision of ANSI/ATIS 0600003-2007 (R2012))

Stakeholders: Communications industry.

Project Need: There is an industry to update this document to include newer battery technologies.

The purpose of this standard is to develop industry-wide requirements including methods and procedures for the control of battery room and enclosure environments. This includes adequate ventilation of battery-generated gases, the dissipation of battery-generated head, the control of room and enclosure temperature, the management of battery electrolyte spills, and in general the control of any contaminates within the battery room or enclosure.

BSR/ATIS 0600010.01-201x, Temperature, Humidity, Altitude and Salt Fog Requirements for Network Telecommunications Equipment Utilized in Outside Plant Environments (revision of ANSI ATIS 0600010.01-2014)

Stakeholders: Communications industry.

Project Need: Add additional outside-plant test requirements including, but not limited to, salt fog and wind-driven rain.

This standard covers the minimum temperature, humidity, and altitude criteria for telecommunications network equipment to be installed and utilized by service providers in outside plant (OSP) environments. These environments include those in OSP cabinets enclosure, pedestals, etc.

BSR/ATIS 0600010.04-201x, Operational Vibration Requirements for Communications Equipment (revision of ANSI ATIS 0600010.04 -2011)

Stakeholders: Communications industry.

Project Need: There is a need to update the references in this Standard.

This standard specifies covers the minimum operational vibration criteria for communications equipment. It is the intent of this standard to utilize the latest versions of ATIS standards that are referenced. It is also the intent to utilize (where appropriate) newer versions of other standards or documents that are referenced provided they do not conflict with the intent of this standard.

BSR/ATIS 0600015.13-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for 802.11xx Wi-Fi Access Points (new standard)

Stakeholders: Communications industry.

Project Need: Develop a standard that defines an energy efficiency evaluation method and metrics for Wi-Fi- access points.

Wi-Fi access points are widely used by enterprises and service providers to give local wireless access to employees and customers. Current tendencies will increase deployment of access points in the near future. Therefore, a well-defined and industry-accepted energy efficiency evaluation for that group of networking products becomes an urgent task.

BSR/ATIS 0600311-201x, DC Power Systems - Telecommunications Environment Protection (revision of ANSI/ATIS 0600311-2007 (R2012))

Stakeholders: Communications industry.

Project Need: There is a need to update the references in this Standard and add required copyright information for the National Electrical Code.

This Standard addresses the installation of dc power systems within controlled or limited access areas that convert commercial ac to dc voltages of 160 volts or less and those that convert from one dc level to another of 160 volts or less.

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

* BSR/CTA 2052.2-201x, Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications (new standard)

Stakeholders: Consumer electronics industry, consumers, users, producers, manufacturers, retailers.

Project Need: Create performance requirements for wearable sleep monitors.

This voluntary standard defines the methodology of measuring elemental and derived parameters used in consumer technology devices and applications that evaluate sleep. The elemental and derived measures covered within this standard are contained within ANSI/CTA-2052.1, Definitions and Characteristics for Wearable Sleep Monitors.

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

Office: 5001 East Philadelphia Street
Ontario, CA 91761

Contact: *Kyle Thompson*

E-mail: kyle.thompson@iapmostandards.org

* BSR/IAPMO Z1002-201x, Rainwater Harvesting Tanks (revision of ANSI/IAPMO Z1002-2014)

Stakeholders: Manufacturers, users, consumers, and regulatory authorities.

Project Need: Revise current standard to include requirements for steel reinforced polyethylene rainwater harvesting tanks.

This Standard covers rainwater harvesting tanks and specifies requirements for design, materials, manufacture, performance, testing, and markings. Rainwater harvesting tanks covered by this Standard are (a) made of concrete, fiber-reinforced polyester, steel, thermoplastics, wood, or vinyl-coated polyester, or steel-reinforced polyethylene; (b) prefabricated or assembled at the site of final installation; (c) intended for above-ground or buried installations; (d) intended for stationary (i.e., fixed) installations only; (e) intended for indoor and outdoor applications; and (f) intended for atmospheric pressure (i.e., non-pressurized) applications only.

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08855-1331

Contact: *Susan Vogel*

E-mail: s.vogel@ieee.org

BSR N42.33-201x, Portable Radiation Detection Instrumentation for Homeland Security (new standard)

Stakeholders: These instruments are designed primarily for use by the agencies of the Department of Homeland Security including DNDO, FEMA, CTOS and their contractors. The instruments may also be used by any other organizations looking for low levels of radiation and/or radioactivity.

Project Need: This standard is required to provide performance requirements for portable radiation detectors needed for the radiological/nuclear mission of detecting and locating radioactive materials. These portable survey meters are the most widely used radiation detectors used during the mission and require extreme levels of radiation response and detectability.

Specify performance criteria and performance testing methodology used to evaluate portable radiation detecting instrument capable of measuring natural radiation background levels. These instruments are used for the detection of photon-emitting radioactive materials and quantification of exposure rates, and are used for the purposes of detection, quantification, and prevention. Optionally these instruments are capable of alarming at preset radiation levels.

NSF (NSF International)

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

Contact: *Jessica Evans*

E-mail: jevans@nsf.org

* BSR/NSF 394-201x, Automotive Parts Distributor (new standard)

Stakeholders: Distributors, auto trade associations, product manufacturers, product suppliers, auto repair shops, insurance companies, regulators, consumer organizations, and testing laboratories.

Project Need: Establish a national standard for automotive parts distribution practices.

This Standard is intended to define the procedures and requirements for an automotive parts distributor.

* BSR/NSF 458-201X, Automotive Collision Repair Shop (new standard)

Stakeholders: Auto repair shops, insurance companies, equipment manufacturers, original equipment manufacturers, information providers, regulators, and consumer organizations.

Project Need: Establish a national standard for automotive collision repair shop practices.

This Standard is intended to define the procedures and requirements for an automotive collision repair shops.

* BSR/NSF 470-201x, Automotive Recycler (new standard)

Stakeholders: Recyclers, insurance companies, regulators and consumer organizations, auto repair shops.

Project Need: Establish a national standard for automotive recycler practices.

This standard is intended to define the procedures and requirements for a full-service automotive recycler.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341-1318

Contact: *Rebecca Yaletchko*

Fax: (610) 363-5898

E-mail: ryaletchko@scte.org

BSR/SCTE 67-201x, Recommended Practice for SCTE 35 Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 67-2014)

Stakeholders: Cable Telecommunication industry.

Project Need: Update to current technology.

This document is an informational companion to SCTE 35. It is not in itself a specification or a standard. The information within is intended as guideline information. Where this document contradicts SCTE 35, SCTE 35 takes precedence.

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 568.0-D-1-201x, Generic Telecommunications Cabling for Customer Premises, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.0-D-2015)

Stakeholders: Designers, installers, building owners, building tenants.

Project Need: Provide updates for an existing standard.

This Addendum updates references and accommodates new media types introduced by ANSI/TIA-568-C.2-1 and ANSI/TIA-568.3-D.

BSR/TIA 568.1-D-1-201x, Commercial Building Telecommunications Infrastructure Standard, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.1-D-2015)

Stakeholders: Designers, installers, building owners, building tenants.

Project Need: Provide updates for an existing standard.

This Addendum updates references and accommodates new media types introduced by ANSI/TIA-568-C.2-1 and ANSI/TIA-568.3-D.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
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Arlington, VA 22203-1633
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Fax: (703) 276-0793
Web: www.aami.org

ABYC
American Boat and Yacht Council
613 Third Street
Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Fax: (312) 440-2529
Web: www.ada.org

AISI
American Iron and Steel Institute
25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.org

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

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

ASCE
American Society of Civil Engineers
1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.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

ASSE (ASC Z244)
American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 232-2012
Fax: (847) 699-2929
Web: www.asse.org

ASSE (Safety)
American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

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

ATIS
Alliance for Telecommunications Industry Solutions
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Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWS
American Welding Society
8669 NW 36th Street, #130
Miami, Florida 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

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

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

ESA (Organization)
Electronic Security Association, Inc.
6333 North State Highway 161
Suite 350
Irving, TX 75038
Phone: (972) 807-6830
Web: www.ESAweb.org

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

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

IEEE (ASC C63)
Institute of Electrical and Electronics Engineers
445 Hoes Lane, PO Box 1331
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Fax: (732) 562-1571
Web: www.ieee.org

IEEE (ASC N42)
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08855-1331
Phone: 732-562-3817
Web: standards.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

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5737
Fax: (202) 638-4922
Web: www.incits.org

NCPDP
National Council for Prescription Drug Programs

9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 296-4584
Fax: (480) 767-1042
Web: www.ncpdp.org

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.neca-neis.org

NETA
InterNational Electrical Testing Association

3050 Old Centre
Suite 102
Portage, MI 49024
Phone: (269) 488-6382
Fax: (269) 488-3683
Web: www.netaworld.org

NPES (ASC CGATS)
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 913-5774
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PLATO
Portable Lights American Trade Organization

P.O. Box 107
Marblehead, MA 01945
Phone: (440) 835-7661
Web: www.plato-usa.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

SCTE
Society of Cable Telecommunications Engineers

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Phone: (480) 252-2330
Fax: (610) 363-5898
Web: www.scte.org

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Telecommunications Industry Association

1320 North Courthouse Road
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Arlington, VA 22201
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Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
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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

DENTISTRY (TC 106)

ISO/DIS 18618, Dentistry - Interoperability of CAD/CAM systems - 12/4/2016, $155.00

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

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 7409, Fertilizers - Marking - Presentation and declarations - 11/4/2016, $58.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19127, Geographic information - Geodetic register - 11/6/2016, $112.00

GEOSYNTHETICS (TC 221)

ISO/DIS 13426-1, Geotextiles and geotextile-related products - Strength of structural junctions - Part 1: Geocells - 11/11/2012, $53.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 5910, Cardiovascular implants and extracoporeal systems - Cardiac valve repair devices - 1/6/2017, $165.00

LEATHER (TC 120)

ISO/DIS 15115, Leather - Vocabulary - 11/5/2016, $53.00

MICROBEAM ANALYSIS (TC 202)

ISO/DIS 19463, Microbeam analysis - Electron probe microanalyser (EPMA) - Guidelines for performing quality assurance procedures - 11/3/2016, $98.00

NON-DESTRUCTIVE TESTING (TC 135)

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

ISO/DIS 19835, Non-destructive testing - Acoustic emission testing - Steel structures of overhead travelling cranes and portal bridge cranes - 11/4/2016, $67.00

NUCLEAR ENERGY (TC 85)

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 8596, Ophthalmic optics - Visual acuity testing - Standard and clinical optotypes and their presentation - 11/5/2016, $53.00

PAPER, BOARD AND PULPS (TC 6)

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

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16975-3, Respiratory protective devices - Selection, use and maintenance - Part 3: Fit testing procedures - 12/10/2016, $98.00

ISO/DIS 18639-5, PPE ensembles for firefighters undertaking specialist rescue activities - Part 5: Helmet - 1/1/2017, $67.00

ROAD VEHICLES (TC 22)

ISO 17949/DAmd1, Impact test procedures for road vehicles - Seating and positioning procedures for anthropomorphic test devices - Procedure for the WorldSID 5Oth percentile male side-impact dummy in front outboard seating positions - Amendment 1 - 11/6/2016, $29.00

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

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

ISO/DIS 81346-12, Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 12: Construction works and building services - 12/4/2016, $134.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 11783-6, Tractors and machinery for agriculture and forestry - Serial control and communications data network - Part 6: Virtual terminal - 11/2/2016, $245.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 13918, Welding - Studs and ceramic ferrules for arc stud welding - 11/4/2016, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23003-4/DAmd2, Information technology - MPEG audio technologies - Part 4: Dynamic Range Control - Amendment 2: Reference software - 11/4/2016, $33.00

ISO/IEC 14496-10/DAmd4, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding - Amendment 4: Additional colour space and tone mapping descriptors - 11/9/2015, $82.00

ISO/IEC 23008-12/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image file format - Amendment 1: Support for AVC, JPEG and layered coding of images - 11/4/2016, $88.00

ISO/IEC DIS 20382-1, Information technology - User interfaces - Face-to-face speech translation - Part 1: User interface - 11/6/2016, $62.00

ISO/IEC DIS 20382-2, Information technology - User interface - Face-to-face speech translation - Part 2: System architecture and functional components - 11/6/2016, $82.00

ISO/IEC DIS 30107-2, Information technology - Biometric presentation attack detection - Part 2: Data formats - 11/4/2016, $67.00

ISO/IEC DIS 30107-3, Information technology - Biometric presentation attack detection - Part 3: Testing and reporting - 11/5/2016, $98.00

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

IEC Standards

9/2209/NP, Electronic railway equipment - Train communication network (TCN) - Part 2-8: TCN conformance test (proposed IEC 61375-2-8), 12/30/2016

10/1005/CD, IEC 60156 Ed.3: Insulating liquids - Determination of the breakdown voltage at power frequency, 12/30/2016

13/1718/CD, IEC 62052-11 Ed. 2.0, Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment, 12/30/2016

13/1719/CD, IEC 62053-21 Ed. 2.0, Electricity metering equipment - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2), 12/30/2016

13/1720/CD, IEC 62053-22 Ed. 2.0, Electricity metering equipment - Particular requirements - Part 22: Static meters for active energy (classes 0,1 S, 0,2 S and 0,5 S), 12/30/2016

13/1722/CD, IEC 62053-23 Ed. 2.0 Electricity metering equipment (a. c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3), 12/30/2016

13/1724/CD, IEC 62053-24 Ed. 2.0 Electricity metering equipment (a. c.) - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5 S, 1 S and 1), 12/30/2016

18/1554/CD, IEC 60092-401: Electrical installations in ships - Part 401: Installation and test of completed installation, 12/30/2016

18/1555/CD, IEC/IEEE 61886-1: Subsea equipment - Power connectors, penetrators and jumper assemblies with rated voltage from 3 kV (Umax = 3,6 kV) to 30 kV (Umax = 36 kV), 12/30/2016

23E/978A/CDV, IEC 63024 Ed.1: Requirements for Automatic Reclosing Devices (ARDs) for circuit-breakers, RCBOs, RCCBs for household and similar uses, 12/23/2016

34A/1931/CDV, Amendment 2 to IEC 60809 Ed.3: Lamps for road vehicles - Dimensional, electrical and luminous requirements, 12/30/2016

34A/1933/CDV, IEC 60810 Ed.5: Lamps, light sources and LED packages for road vehicles - Performance requirements, 12/30/2016

47A/995/CD, IEC 62228-1 Ed.1: Integrated Circuits - EMC evaluation of transceivers - Part 1: General conditions and definitions, 12/30/2016

51/1150/FDIS, IEC 62211 Ed.2: Inductive components - Reliability management, 11/18/2016

62D/1384/CDV, IEC 60601-2-16: Medical electrical equipment - Part 2 -16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, 12/30/2016

62D/1385/CDV, IEC 60601-2-39: Medical electrical equipment - Part 2 -39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment, 12/30/2016

62D/1416/NP, Medical electrical equipment - Part 2-xx: Particular requirements for the basic safety and essential performance of emergency and transport ventilators, 12/30/2016

62D/1417/NP, Medical electrical equipment - Part 2-xx: Particular requirements for the basic safety and essential performance of cerebral tissue oximeter equipment (t-NIRS), 12/30/2016

64/2146/CD, IEC 60364-7-710: Low-voltage electrical installations - Part 7-710: Requirements for special installations or locations - Medical locations, 12/30/2016

65/645/PAS, IEC PAS 63088 Ed1: Smart Manufacturing - Reference Architecture Model Industry 4.0 (RAMI4.0), 12/02/2016

66/612/FDIS, Amendment 1 to IEC 61010-1 Ed.3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements, 11/18/2016

66/613/FDIS, IEC 61010-2-030 Ed.2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -030: Particular requirements for equipment having testing or measuring circuits, 11/18/2016

66/614/FDIS, IEC 61010-2-034 Ed.1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -034: Particular requirements for measurement equipment for insulation resistance and test equipment for electric strength, 11/18/2016

69/460/CD, IEC 61851-24 Ed 2.0: Electric vehicle conductive charging system - Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging, 12/30/2016

69/461/CD, IEC 61851-23 Ed 2.0: Electric vehicle conductive charging system - Part 23: DC electric vehicle supply equipment, 12/30/2016

69/462/NP, Protocol for Management of Electric Vehicles charging and discharging infrastructures - Part 1: Basic Definitions, Use Cases and architectures - Part 2: Technical protocol specifications and requirements - Part 3: Requirements for conformance tests, 12/30/2016

77A/934/CDV, IEC 61000-3-2 (f4): Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), 12/30/2016

77A/935/CDV, IEC 61000-3-2 (f3): Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), 12/30/2016

82/1185/FDIS, IEC 62925 Ed.1: Concentrator photovoltaic (CPV) modules - Thermal cycling test to differentiate increased thermal fatigue durability, 11/18/2016

85/555/CDV, IEC 60051-2: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 2: Special requirements for ammeters and voltmeters, 12/30/2016

85/556/CDV, IEC 60051-3: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 3: Special requirements for wattmeters and varmeters, 12/30/2016

85/557/CDV, IEC 60051-4: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 4: Special requirements for frequency meters, 12/30/2016

85/558/CDV, IEC 60051-5: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 5: Special requirements for phase meters, power factor meters and synchroscopes, 12/30/2016

85/559/CDV, IEC 60051-6: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 6: Special Requirements for Ohmmeters (Impedance Meters) and Conductance Meters, 12/30/2016

85/560/CDV, IEC 60051-7: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 7: Special requirements for multi-function instruments, 12/30/2016

85/561/CDV, IEC 60051-8: Direct acting indicating analogue electrical measuring instruments and their accessories - Part 8: Special requirements for multi-function instruments, 12/30/2016

86A/1767/FDIS, IEC 60794-1-2/Ed4: Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance, 11/18/2016

88/603/CD, IEC 61400-27-1 Ed.2: Wind energy generation systems - Part 27-1: Electrical simulation models - Generic models, 12/30/2016

88/604/CD, IEC 61400-27-2 Ed.1: Wind energy generation systems - Part 27-2: Electrical simulation models - Model validation, 12/30/2016

88/606/FDIS, IEC 61400-25-6 Ed.2: Wind power generation systems - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring, 11/18/2016

91/1386/CDV, IEC 61191-2 Ed.3: Printed board assemblies - Part 2: Sectional specification - Requirements for surface mount soldered assemblies, 12/30/2016

100/2762/CDV, IEC 62827-2 Ed. 1.0: Wireless Power Transfer - Management - Part 2: Multiple devices control management (TA15), 12/30/2016

101/517/CDV, IEC 61340-4-3 Ed.2: Electrostatics - Part 4-3: Standard test methods for specific applications - Footwear, 12/30/2016

101/518/CDV, IEC 61340-4-5 Ed.2: Electrostatics - Part 4-5: Standard test methods for specific applications - Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person, 12/30/2016

101/521/FDIS, IEC 61340-4-7 Ed.2: Electrostatics - Part 4-7: Standard test methods for specific applications - Ionization, 11/18/2016

104/718/CD, Amendment 1 to IEC 60068-2-64 Ed.2: Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, 12/30/2016

121B/52/NP, PNW 121B-52: Integration of arcing fault mitigation devices into power switchgear and controlgear assemblies (PSC-ASSEMBLIES) according to IEC 61439-2, 12/30/2016

CIS/A/1181/CDV, Amendment 2 to CISPR 16-4-2 (f4): Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty, 12/30/2016

13/1725/NP, Electricity metering data exchange - The DLMS/COSEM suite - Part 8-8: Communication profile for ISO/IEC 14908 series networks, 01/06/2017

17A/1125/CDV, IEC 62271-110 Ed.4: High-voltage switchgear and controlgear - Part 110: Inductive load switching, 01/06/2017

18/1554A/CD, IEC 60092-401: Electrical installations in ships - Part 401: Installation and test of completed installation, 01/27/2017

18/1555A/CD, IEC/IEEE 61886-1: Subsea equipment - Power connectors, penetrators and jumper assemblies with rated voltage from 3 kV (Umax = 3,6 kV) to 30 kV (Umax = 36 kV), 01/27/2017

18/1556/CD, IEC 62742: Electrical and electronic installations in ships - Electromagnetic compatibility (EMC) - Ships with a non-metallic hull, 01/06/2017

21/902/CD, IEC 62485-6: Safety requirements for secondary batteries and battery installations - Part 5: lithium-ion batteries for traction applications, 01/06/2017

21/903/CD, IEC 62485-5: Safety requirements for secondary batteries and battery installations - Part 5: lithium-ion batteries for stationary applications, 01/06/2017

21A/610/FDIS, IEC 60623: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechageable single cells, 11/25/2016

34C/1247/CDV, IEC 62386-332 Ed.1: Digital addressable lighting interface - Part 332: Particular requirements - Input control devices - Feedback, 01/06/2017

46F/359/CD, IEC 61169-60: Ed 1.0!: Radio-frequency connectors - Part 60: Sectional specification for series SMPM RF coaxial connectors, 01/06/2017

47E/559/CD, IEC 60747-5-5 Ed.2: Semiconductor devices - Discrete devices - Part 5-5: Optoelectronic devices - Photocouplers, 01/06/2017

47F/254/CDV, IEC 62047-30 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 30: Measurement methods of electro-mechanical conversion characteristics of MEMS piezoelectric thin film, 01/06/2017

51/1151/CD, IEC/TR 63090 Ed.1: Dimensinal tolerance of ferrite cores, 12/09/2016

51/1153/CD, IEC 62024-1 Ed.3: High frequency inductive components - Electrical characteristics and measuring methods - Part 1: Nanohenry range chip inductor, 01/06/2017

61D/348/CDV, IEC 60335-2-40/F1/Ed 6 Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, 01/06/2017

61D/350/CDV, IEC 60335-2-40/F2/Ed 6 Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, 01/06/2017

61D/351/CDV, IEC 60335-2-40/F3/Ed 6 Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, 01/06/2017

64/2147/FDIS, Amendment 1 to IEC 60364-4-41: Low voltage electrical installation - Part 4-41: Protection for safety - Protection against electric shock, 11/25/2016

76/558/CD, IEC TR 62471-4: Photobiological Safety of Lamps and Lamp Systems: Measuring Methods, 12/09/2016

77B/766/CD, IEC 61000-4-20 Electromagnetic compatibility (EMC) - Part 4-20: Testing and measurement techniques - Emission and immunity testing in transverse electromagnetic (TEM) waveguides, 01/06/2017

82/1187/NP, Earth fault protection equipment for photovoltaic (PV) arrays - Safety and safety-related functionality, 01/06/2017

82/1188/DTS, IEC 62446-3 TS Ed.1: Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Outdoor infrared thermography of photovoltaic modules and plants, 01/06/2017

82/1189/DTS, IEC 62788-2 TS Ed.1: Measurement procedures for materials used in photovoltaic modules - Part 2: Polymeric materials used for frontsheets and backsheets, 01/06/2017

82/1190/CD, IEC 62892-3 Ed.1: Testing of PV modules to differentiate performance in multiple climates and applications - Part 3: Test procedure for encapsulant transmittance, 01/06/2017

86B/4011A/CDV, IEC 61754-7-2/Ed1 Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-2: Type MPO connector family - Two fibre rows, 11/18/2016

86B/4036/CD, IEC 61754-4/Ed3 Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC connector family, 01/06/2017

86B/4038/CD, IEC 61754-6/Ed3: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family, 01/06/2017

CIS/A/1194/FDIS, Amendment 2 to CISPR 16-1-4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 11/25/2016

CIS/A/1195/FDIS, Amendment 1 to CISPR 16-1-6: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration, 11/25/2016

CIS/H/311A/CDV, Amendment 2 to IEC 61000-6-4 Ed.2: Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments, 12/23/2016

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 19566-2:2016, Information technologies - JPEG Systems - Part 2: Transport mechanisms and packaging, $123.00

ANTI-BRIBERY MANAGEMENT SYSTEMS (TC 278)

ISO 37001:2016, Anti-bribery management systems - Requirements with guidance for use, $200.00

CRANES (TC 96)

ISO 4306-3:2016, Cranes - Vocabulary - Part 3: Tower cranes, $51.00

DENTISTRY (TC 106)

ISO 16409:2016, Dentistry - Oral care products - Manual interdental brushes, $88.00

ISO 9173-1:2016, Dentistry - Extraction forceps - Part 1: General requirements, $51.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 16852:2016, Flame arresters - Performance requirements, test methods and limits for use, $200.00

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

ISO 16440:2016, Petroleum and natural gas industries - Pipeline transportation systems - Design, construction and maintenance of steel cased pipelines, $200.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 148-1:2016, Metallic materials - Charpy pendulum impact test - Part 1: Test method, $173.00

ISO 148-2:2016, Metallic materials - Charpy pendulum impact test - Part 2: Verification of testing machines, $200.00

ISO 148-3:2016, Metallic materials - Charpy pendulum impact test - Part 3: Preparation and characterization of Charpy V-notch test pieces for indirect verification of pendulum impact machines, $123.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 374-1:2016, Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks, $88.00

ISO 374-5:2016, Protective gloves against dangerous chemicals and micro-organisms - Part 5: Terminology and performance requirements for micro-organisms risks, $51.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 15236-1:2016, Steel cord conveyor belts - Part 1: Design, dimensions and mechanical requirements for conveyor belts for general use, $123.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO 80369-7:2016, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications, $200.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 11344:2016, Rubber, raw synthetic - Determination of the molecular-mass distribution of solution polymers by gel permeation chromatography, $149.00

SMALL TOOLS (TC 29)

ISO 2584:2016, Cylindrical cutters with plain bore and key drive - Metric series, $51.00

ISO 3292:2016, Extra-long parallel shank twist drills, $51.00

ISO 4204:2016, Countersinks, 90°, with Morse taper shanks and detachable pilots, $51.00

ISO 4206:2016, Counterbores with parallel shanks and solid pilots, $51.00

ISO 4231:2016, Hand- and machine-operated circular screwing dies for parallel pipe threads - G series, $51.00

ISO 7079:2016, Core drills with parallel shanks and with Morse taper shanks, $88.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 20957-9:2016, Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods, $123.00

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

ISO 14145-1:2016, Roller ball pens and refills - Part 1: General use, $88.00

ISO 27668-1:2016, Gel ink ball pens and refills - Part 1: General use, $88.00

TEXTILES (TC 38)

ISO 18264:2016, Textile slings - Lifting slings for general purpose lifting operations made from fibre ropes - High modulus polyethylene (HMPE), $173.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 8871-5:2016, Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 5: Functional requirements and testing, $88.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 17638:2016, Non-destructive testing of welds - Magnetic particle testing, $123.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23009-1/Amd3:2016, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats - Amendment 3: Authentication, MPD linking, Callback Event, Period Continuity and other Extensions, $173.00

ISO/IEC 10118-1:2016, Information technology - Security techniques - Hash-functions - Part 1: General, $88.00

ISO/IEC 18328-3:2016, Identification cards - ICC-managed devices - Part 3: Organization, security and commands for interchange, $200.00

ISO/IEC 18477-8:2016, Information technology - Scalable compression and coding of continuous-tone still images - Part 8: Lossless and near-lossless coding, $240.00

ISO/IEC 18477-9:2016, Information technology - Scalable compression and coding of continuous-tone still images - Part 9: Alpha channel coding, $149.00

ISO/IEC 29155-4:2016, Systems and software engineering - Information technology project performance benchmarking framework - Part 4: Guidance for data collection and maintenance, $173.00

ISO/IEC 29110-3-3:2016, Systems and software engineering - Lifecycle profiles for Very Small Enterprises (VSEs) - Part 3-3: Certification requirements for conformity assessments of VSE profiles using process assessment and maturity models, $123.00

OTHER

ISO/IEC TS 17021-9:2016, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 9: Competence requirements for auditing and certification of anti-bribery management systems, $51.00

IEC Standards

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60969 Ed. 2.0 b:2016, Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements, $230.00

S+ IEC 60969 Ed. 2.0 en:2016 (Redline version), Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements, $276.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC 60204-1 Ed. 6.0 b:2016, Safety of machinery - Electrical equipment of machines - Part 1: General requirements, $387.00

S+ IEC 60204-1 Ed. 6.0 en:2016 (Redline version), Safety of machinery - Electrical equipment of machines - Part 1: General requirements, $499.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

ISSQUARED

Public Review: August 26 to November 26, 2016

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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

AmericanHort

The reaccreditation of AmericanHort, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under AmericanHort's recently revised operating procedures for documenting consensus on AmericanHort-sponsored American National Standards, effective October 19, 2016. For additional information, please contact: Ms. Davi Horta Bowen, Government Relations & Grassroots Representative, AmericanHort, 525 9th Street NW, Suite 800, Washington, DC 21087; phone: 2902.789.8112; e-mail: DaviB@AmericanHort.org.

ASC N13 – Radiation Protection, and ASC N43 – Equipment for Non-Medical Radiation Applications

The reaccreditations of Accredited Standards Committees N13, Radiation Protection and N43, Equipment for Non-Medical Radiation Applications have been approved at the direction of ANSI's Executive Standards Council, under their recently revised operating procedures for documenting consensus on ASC N13 and N43-sponsored American National Standards, effective October 13, 2016. For additional information, please contact the Secretariat of ASCs N13 and N43: Ms. Nancy Johnson, Program Director, Health Physics Society, 1313 Dolley Madison Boulevard, Suite 402, McLean, VA 22101; phone: 703.790.1745, ext. 225; phone: 703.790.1745, ext. 225; e-mail: njohnson@burkinc.com.

Recreational Off-Highway Vehicle Association (ROHVA)

The reaccreditation of the Recreational Off-Highway Vehicle Association (ROHVA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under ROHVA's recently revised operating procedures for documenting consensus on ROHVA-sponsored American National Standards, effective October 19, 2016. For additional information, please contact: Mr. Thomas S. Yager, Vice-President, Recreational Off-Highway Vehicle Association, 2 Jenner, Suite 150, Irvine, CA 92618; phone: 949.727.3727, ext. 3038; e-mail: tyager@rohva.org.

Specialty Vehicle Institute of America (SVIA)

The reaccreditation of the Specialty Vehicle Institute of America (SVIA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under SVIA's recently revised operating procedures for documenting consensus on SVIA-sponsored American National Standards, effective October 19, 2016. For additional information, please contact: Mr. Thomas S. Yager, Vice-President, Specialty Vehicle Institute of America, 2 Jenner, Suite 150, Irvine, CA 92618; phone: 949.727.3727, ext. 3038; e-mail: tyager@svia.org.

Reaccreditation

ASC Z380 – Gas Piping Technology

Comment Deadline: November 21, 2016

Accredited Standards Committee Z380, Gas Piping Technology has submitted revisions to its currently accredited operating procedures for documenting consensus on ASC Z380-sponsored American National Standards, under which it was last reaccredited in 2011. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact the Secretariat of ASC Z380: Mr. Mike Bellman, Z380/GPTC Secretary, American Gas Association, 400 North Capitol Street, N.W., Washington, DC 20001; phone: 202.824.7183; e-mail: mbellman@aga.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to ASC Z380 by November 21, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

International Organization for Standardization (ISO)

Call for U.S. TAG Participants

ISO/TC 161 – Controls and protective devices for gas and/or oil and WG 5

Please be advised that the scope for ISO/TC 161– Controls and protective devices for gas and/or oil has expanded.

ISO/TC 161 operates under the following new scope:

> Controls and protective devices for burners, appliances using gas and/or oil. This includes controls for residential, commercial and industrial applications and fuel supply installations, also includes high pressure controls for use in gas transmission, distribution and installations.
>
> Excluded are materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries applications which are covered by the scope of ISO/TC 6.

Air-Conditioning, Heating and Refrigeration Institute, the ANSI-accredited U.S. TAG Administrator for ISO/TC 161, is seeking participants for the U.S. TAG and/or ISO/TC 161/WG 5 – High pressure controls for use in gas, transmission, distribution and installations. All U.S. stakeholder organizations in relevant fields and industries are strongly encouraged to become involved.

Organizations interested in participating on the U.S. TAG should contact the U.S. TAG Secretary, Maryline Lamborn (MLamborn@ahrinet.org), or ANSI's ISO Team (isot@ansi.org).

Establishment of ISO Subcommittee

ISO/TC 201/SC 10 – X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis

A new ISO Technical Committee, ISO/TC 201/SC 10 – X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis, has been formed. The Secretariat has been assigned to Japan (JISC).

ISO/TC 201/SC 10 operates under the following scope:

> Standardization of methods for instrument specification, instrument calibration, instrument operation, data acquisition, data processing, and data analysis in the use of X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis for surface chemical and structural analysis.

ASTM International has committed to administer the U.S. TAG. Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO Proposals for a New Fields of ISO Technical Activity

Collaborative Business Relationship Management

Comment Deadline: November 4, 2016

BSI, the ISO member body for the UK and secretariat of ISO Project Committee 286, has submitted to ISO a proposal for a new field of ISO technical activity on Collaborative business relationship management, with the following scope statement:

> Standardization in the field of collaborative business relationship management.

Please note that BSI proposed a new work item proposal on this subject in 2013 which was approved and the standard has been developed under ISO/PC 286. As argued in the proposal, during the development of ISO 11000 (Collaborative business relationship management systems – Framework), the need for supporting documents became apparent, and this proposal seeks to gain support for an ISO/TMB decision to convert the project committee into a technical committee to address these additional projects.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, November 4, 2016.

ISO Proposal for a New Field of ISO Technical Activity

Medicinal Plants

Comment Deadline: December 2, 2016

ISIRI, the ISO member body for Iran, has submitted to ISO a proposal for a new field of ISO technical activity on Medicinal Plants, with the following scope statement:

> Standardization in the field of medicinal plants as well as medicinal plants propagation materials, in particular terminology, sampling, test methods and analysis, product specifications, safety and quality requirements for packaging, storage and transportation. Medicinal plants substances with regard to safety and quality such as content of active material, values for physical, chemical specifications and microbial contaminants, chemical residues and heavy metals etc., must be based on recognized international standards or deliverables and should be laid down in written form.

Excluded from its scope are products covered by ISO/TC 54 Essential oils, ISO/TC 245 Traditional Chinese Medicine and ISO/TC 215 Health Informatics.

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, December 2, 2016.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S TAG to ISO PC 305 – Sustainable Non-Sewered Sanitation Systems

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO PC 305, Sustainable non-sewered sanitation systems under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) with the American National Standards Institute serving as TAG Administrator (with financial and technical support from The Bill and Melinda Gates Foundation), effective October 18, 2016. For additional information, please contact: Ms. Kristen Califra, Sr. Program Administrator, ANSI ISO Team, American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4946; e-mail: kcalifra@ansi.org .

Meeting Notices

U.S. TAG to TC 301 – Energy Management and Energy Savings

The U.S. TAG to TC 301 Energy Management and Energy Savings will be meeting at 1899 L St NW, Washington, DC 20036 on November 29-30, 2016. For those interested in attending, please contact either Melody McElWee at melody.McElwee@innovate.gatech.edu or Deann Desai at deann.desai@gatech.edu.

ANSI-Accredited Group R15 SAC, Standards Approval Committee

What: Remote Meeting via WebEx

Day/Date: Thursday, December 8, 2016

Time: 1:00 – 3:00 PM EST

Where: Remote via WebEx

Purpose:

(1) Review plans for updates to existing TRs;

(2) Review 2017 work plans from the drafting subcommittees R15.06 and R15.08;

(3) Preparations for in-person meeting during R15 Week 2017.

For more information, contact: Carole Franklin, at cfranklin@robotics.org.

A10 ASC for Construction and Demolition Operations

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on January 10, 2017 in Washington, DC at the International Brotherhood of Electrical Workers (IBEW). Those who have interest in the committee are encouraged to attend. In addition, subgroup meetings of the A10 ASC will be held the day before or after the main meeting. The A10 ASC has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request. If interested, please contact Timothy Fisher at TFisher@ASSE.Org.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water Treatment Units –

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7 Elective performance claims – test methods

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7.3.5 Iron and manganese reduction testing

7.3.5.1 Iron and manganese reduction claims

Claims for iron or manganese reduction may be made when tested in accordance with 7.3.5. To qualify for an iron or manganese reduction claim, the system shall reduce the concentration of the substance from the influent challenge so that, prior to the 100% sample point, 90% of the product water sample concentrations are less than or equal to the maximum product water concentrations in table 11. Samples collected at the 100% sample point shall be less than or equal to the maximum product water concentrations in table 11.

Table 11 – Iron and manganese reduction requirements

Contaminant	Average influent challenge concentration	Individual influent sample point limits[1]	Maximum product water concentration[2]	Compound
iron (Fe^{+2})	3-5 mg/L or 9-11 mg/L	3-5 mg/L ± 15% or 10 mg/L ± 20%	0.3 mg/L	appropriate water source
manganese (Mn^{+2})	1-2 mg/L	1-2 mg/L ± 15%	0.05 mg/L	appropriate water source

[1] Equals average influent challenge concentration variability plus one of the following, in order of availability:
1. Acceptable Continuing Calibration Verification (CCV) limits stated in the appropriate USEPA method.
2. Acceptable spike recoveries as stated in the appropriate USEPA method.
3. Opinion of laboratory professionals – no guidance available in USEPA method.

[2] Not all secondary substances are listed in this Standard because they are not normally found in drinking water or are not affected by drinking water treatment systems. Hydrogen sulfide and phenol are listed because they are found in water and may be aesthetically displeasing.

Reason: Added optional higher influent limit of 10 mg/L per 2015 DTWU JC meeting discussion (May 11, 2016).

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8.4.1.1 Graywater

Influent samples shall be collected two times per week, except for the following (which shall be collected one timer per week); surfactants, iron, fats, oil and grease. Effluent samples shall be collected three times per week during design loading periods and two times during each stress recovery period (the week following completion of each of the stress simulations described in 8.1.2.2.2). Effluent samples shall be collected two times per week during all stress events, except power/equipment failure stress and vacation stress where no samples shall be collected. ~~SAR will be collected on the influent and effluent, and c~~Color, odor, oily film and foam on the effluent once every 2 m (8 wk [56 d]) for a total of 3 samples over the course of the test.

8.4.1.2 Residential Wastewater

Influent residential wastewater samples shall be collected three times per week, except for the following (which shall be collected one time per week): total phosphorous; COD; total coliforms; and TOC; ~~surfactants, iron, fats, oil and grease~~. Effluent samples shall be collected three times per week during design loading periods and two times during each stress recovery period. Effluent samples shall be collected two times per week during all stress events, except power/equipment failure stress and vacation stress where no samples shall be collected. ~~SAR will be collected on the influent and effluent, and c~~Color, odor, oily film and foam on the effluent once every 2 m (8 wk [56 d]) for a total of 3 samples over the course of the test.

8.4.2 All sample collection methods shall be in accordance with *Standard Methods* unless otherwise specified.

8.4.3 Influent and effluent wastewater samples shall be collected in accordance with the table below. Influent samples shall be obtained during periods of system dosing, and effluent samples shall be obtained during periods of system discharge. Effluent samples shall be representative of all treated effluent discharged from the system, as sampled from a central point of collection of all treated effluent. 24-h composite samples shall be flow-proportional. The location of the grab sample shall be appropriate to provide a sample that is representative of the influent or effluent. Systems containing storage of treated graywater shall be sampled at the outlet of the storage container. Grab samples shall be collected during the morning dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

Parameter	Sample type	Sample location	
		Raw influent	Treated effluent
BOD_5	24-h composite	X	
$CBOD_5$	24-h composite		X
total suspended solids	24-h composite	X	X
pH	Grab	X	X
temperature (°C)	Grab	X	
E. coli	Grab	X	X
turbidity	24-h composite	X	X
disinfectant[1]	Grab or 24-h composite		X
TKN	24-h composite	X	
NO_2/NO_3	24-h composite	X	
total phosphorous	24-h composite	X	
COD	24-h composite	X	
total coliforms	Grab	X	
TOC	24-h composite	X	
~~surfactants~~	~~24-h composite~~	~~X~~	
~~fats, oil and grease~~	~~24-h composite~~	~~X~~	
~~SAR~~	~~24-h composite~~	~~X~~	~~X~~
~~iron~~	~~24-h composite~~	~~X~~	

[1] If the treatment system introduces a disinfectant; the disinfectant shall be measured in the effluent sample. The sample type shall be 24-h composite except when the disinfectant is not stable for 24-h, in which case grab samples shall be collected.

NOTE – Manufacturers may request additional sampling during testing dependent on end use of the effluent.

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8.6.1.4 During the stress loading sequence (8.1.2.2.2 and 8.2.2.2.2), a minimum of 2/3 of the total scheduled data days and from at least 2 of the scheduled data days during any single stress recovery shall be necessary for the test to be considered valid.

Summary of effluent criteria for individual classifications

Measure	Class R		Class C	
	Test Average	Single Sample Maximum	Test Average	Single Sample Maximum
$CBOD_5$ (mg/L)	10	25	10	25
TSS (mg/L)	10	30	10	30
turbidity (NTU)	5	10	2	5
E. coli [2] (MPN/100 mL)	14	240	2.2	200
pH (SU)	6.0 – 9.0	NA[1]	6.0 – 9.0	NA

storage vessel disinfection (mg/L)[3]	≥ 0.5 – ≤ 2.5	NA	≥ 0.5 – ≤ 2.5	NA
color	MR[4]	NA	MR	NA
odor	Non-offensive	NA	Non-offensive	NA
oily film and foam	Non-detectable	Non-detectable	Non-detectable	Non-detectable
energy consumption	MR	NA	MR	NA
~~SAR~~	~~MR~~	~~MR~~	~~MR~~	~~MR~~

[1]NA: not applicable.

[2]Calculated as geometric mean.

[3](See 8.6.2.6 or 8.6.3.6)

[4]MR: measured and reported only.

BSR/UL 859, Standard for Household Electric Personal Grooming Appliances

1. Addition of requirements for personal grooming appliances incorporating button or coin cell batteries of lithium technologies

PROPOSAL

33A Button or Coin Cell Batteries of Lithium Technologies

33A.1 To reduce the risk of injury due to battery ingestion by small children, the battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200, if the appliance or any accessory is intended for use with one or more single cell batteries having a diameter of 1.25 inches (32 mm) maximum with a diameter greater than its height.

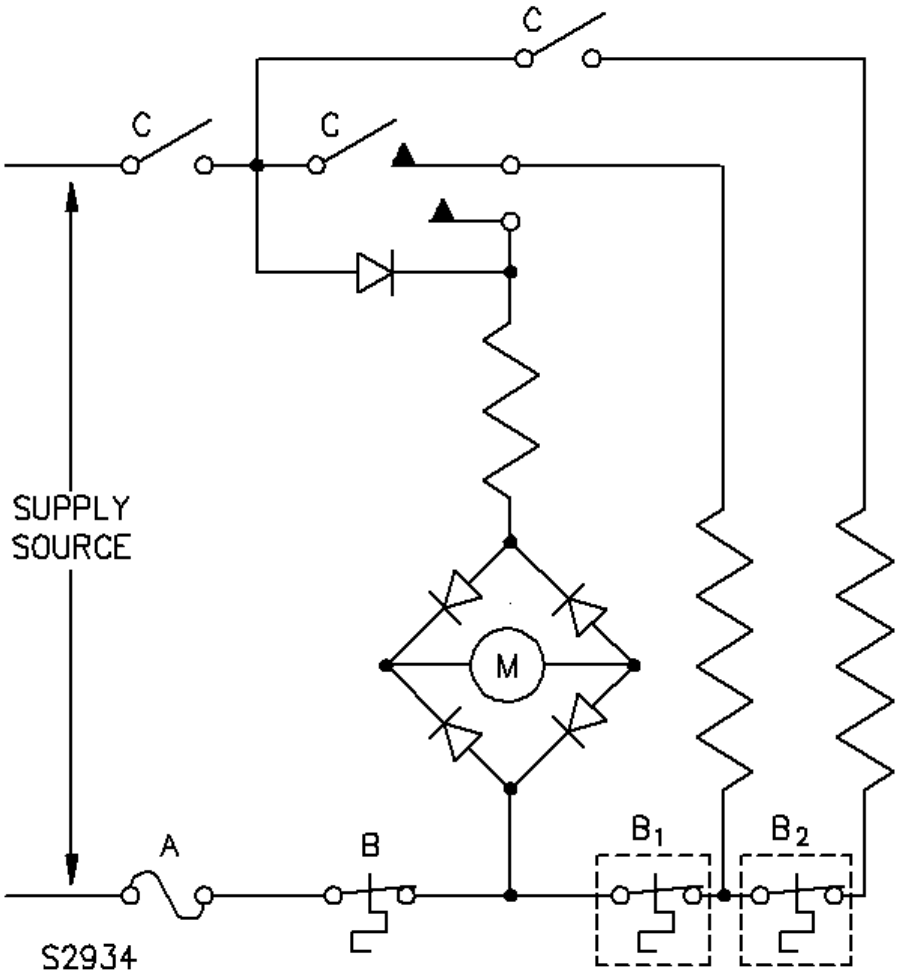
Exception: Not applicable to appliances and accessories intended for fixed installation at a height no less than 4 feet (1.2 m) from floor.

2. New and revised references and relocated Section 33

PROPOSAL

Figure 5.2

Typical hair dryer circuit



A - Limit control (a non-resettable device, as defined in 5.28).
B - Temperature control (a calibrated automatic-reset device, as defined in ~~5.35~~ 5.36).
B_1, B_2 - Temperature control shown at two other locations.
C - Switches.
M - Motor.

5.36 TEMPERATURE CONTROL - As applicable to hand-supported hair dryers, a temperature control, as shown in item B of Figure 5.2, is an automatic-reset temperature-sensing control that opens an electrical circuit to limit temperatures during Abnormal Operation Tests described in Section 46 and/or Normal Temperature test (except no fabric condition) described in 44.5.3. A temperature control is calibrated and endurance tested for at least 6,000 cycles of operation and complies with all other requirements in the Standard for Limit Controls, UL 353, or the Standard for Temperature-Indicating and -Regulating Equipment, UL 873. Compliance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills the UL 873 requirements. See 24.2.1 - 24.2.2.

9.3.3 When there are multiple heat settings (for example, a setting for maintaining molten wax at the intended temperature for application to all of the skin and a higher heat setting for quick melting of solid wax), the appliance shall comply with all of the following:

a) If the wax is capable of being heated above 75°C (167°F) for quick melting, the reservoir in which the wax is so heated shall be provided with a nonremovable, self-closing lid or cover.

b) A visible overheat condition indicator shall be provided. Such an indicator shall indicate when the wax temperature exceeds 75°C. This indicator shall be separate and independent of any other temperature indicator (for example, an indicator light whose functioning depends upon the setting of an adjustable thermostat) which may be provided. See 44.2.3, 74.7(l)~~(12)~~ (13), and 76.8(e).

c) A marking (such as a number or symbol) shall be provided adjacent to each heat selector position. A permanent marking shall be provided on the appliance in accordance with 72.8.1(b), and the Use and Care Instructions shall warn the user against applying wax that has been heated at a setting higher than the intended setting [see 74.7(l)~~(12)~~ (13)].

d) A part of a temperature control that is user-operated (an adjustment knob or similar part) shall be constructed so that deliberate and positive action by the operator is required to select a heat setting or to change from one heat setting to another. A construction that requires two separate and distinct motions by the user (such as push and turn) is an example of a control that complies with this requirement.

23.2.3 An appliance that can be set to different rated supply circuit voltages shall be provided with the statement required in 74.7(k)~~(12)~~ (13 - 14).

24.2.2 A temperature control as noted in 5.3.6 installed in a hand-supported hair dryer shall operate at not more than 8.3°C (15°F) above or below its rated operating temperature. Compliance is determined by subjecting the control, a sub-assembly

including the control, or the complete appliance to the appropriate temperatures in an air oven.

PERFORMANCE

Note from UL Project Manager: Section 33 is being relocated to fall under Construction. No changes to requirements are being proposed.

~~**33 Ionization Circuits**~~

~~33.1 Grooming appliances which employ ionization technology shall comply with 33.2 and 33.3.~~

~~33.2 The high voltage power supply used in the ionizer shall be evaluated to the applicable construction and component requirements for power supplies contained in the Standard for Electrostatic Air Cleaners, UL 867. The following performance tests of UL 867 shall be considered:~~

~~a) Output Test;~~

~~b) Temperature Test;~~

~~c) Dielectric Voltage Withstand Test - High Voltage Transformer Core;~~

~~d) Dielectric Voltage Withstand Test - Induced Energy, (for linear-type transformer only);~~

~~e) Abnormal Operations Test - Component Short- And Open-Circuit Test; and~~

~~f) High Voltage Insulating Materials Arcing Test.~~

~~33.3 The high voltage pins (electrodes) of ionizer shall not be accessible per 8.5.~~

~~33.4 A grooming appliance employing ionization circuitry shall not produce a concentration of ozone exceeding 0.05 parts per million by volume when tested as described in Ozone Test, Section 67.~~

CONSTRUCTION

33 Ionization Circuits

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33.3 The high voltage pins (electrodes) of ionizer shall not be accessible per 8.5.

33.4 A grooming appliance employing ionization circuitry shall not produce a concentration of ozone exceeding 0.05 parts per million by volume when tested as described in Ozone Test, Section 67.

BSR/UL 1310, Standard for Class 2 Power Units

1. Exception to the maximum voltage requirements for a power supply in a no-load condition

PROPOSAL

16.2.2 The maximum voltages which may be accessible in accordance with 16.2.1(a) are:

a) 42.4 V peak for sinusoidal or nonsinusoidal AC;

b) 60 V for continuous DC, or 60 V peak for interrupted DC outside the range of 10 - 200 Hz;

c) 24.8 V peak for DC interrupted at a rate of 10 - 200 Hz; and

d) As indicated in Figure 16.3 for combinations of AC and DC.

For the purpose of this requirement, initial transients lasting less than 200 milliseconds may be ignored. Since short term peak voltage is of interest during tests involving a fault, voltages are to be monitored by using a storage oscilloscope for the first two seconds after any fault is introduced.

Exception No. 1: The voltage may be exceeded if the current between the parts does not exceed 0.5 mA when measured in accordance with Leakage Current Test, Section 26.

Exception No. 2: The maximum voltage in 16.2.2 (b) and (d) may be exceeded provided:

a) The power supply is in a no-load or "hiccup" condition;

b) The power supply includes a load detection circuit that cycles the output "On" and "Off" resulting in a repetitive waveform;

c) The peak value decays to an average voltage prior to the next "On" state that is less than 60 V;

d) The voltage at the "On" state does not exceed 120 V peak; and

e) The voltage (RMS) of the repetitive waveform is less than 60 V.

2. Clarification of spacing requirements on a semiconductor device

PROPOSAL

24.1 Spacings between live parts of opposite polarity, between live and dead metal parts, and between live parts and a metal enclosure, shall be as specified in Table 24.1 or Table 24.2, as appropriate. If a live part is not rigidly secured in position by a means other than friction between surfaces, or if a movable dead metal part is in proximity to an uninsulated live part, the construction shall be such that at least the minimum spacings will be maintained.

Exception No. 1: Spacings between traces on a printed-wiring board need not comply with Tables 24.1 and 24.2 if the printed-wiring board complies with the abnormal operation test in 39.8. See also 22.3. The requirements specified in 22.3 and 39.8 do not substitute for the minimum required spacings between the printed-wiring board foils and dead metal parts or the spacings between the primary and secondary foils of the printed-wiring board as specified in Table 24.1 or 24.2.

Exception No. 2: This requirement does not apply to a unit complying with the requirements in 24.5 - 24.9.

Exception No. 3: This requirement does not apply to inherent spacings of a component such as adjacent terminals of a power switching semiconductor device.

BSR/UL 1635, Standard for Safety for Digital Alarm Communicator System Units

1. Revision to the operation requirements

26.7 The transmitter shall make no less than five nor more than ten attempts to contact the central-station or residential monitoring station receiver, deliver an acceptable message, and receive a sign-off signal. ~~If the transmitter has made the maximum number of attempts to contact the receiver and has not received an acceptable sign-off signal, an indication of this failure shall be presented to the alarm system user.~~ If the transmission line has been restored to normal and ~~all stored signals sent~~ a communication failure message has been delivered to the central-station, the failure to communicate indicator at the protected premises does not need to latch in.

Exception No. 1: The transmitter may indicate to the alarm system user that an attempt has been made to the central-station or residential monitoring station receiver during the secure (night) mode whether contact was made or not.

Exception No. 2: For a digital alarm communicator transmitter used in a residential burglar-alarm system or a combination residential burglar-alarm and fire warning system, an indication that the transmitter has been unable to make contact with the receiver or an indication that an attempt to transmit a signal has been made is not required until the next time it is armed or disarmed by the user.

Exception No. 3: For a digital alarm communicator transmitter used in a home health care medical alert system, an indication of either a failure to communicate or an attempt to communicate is not required.