ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 47, #34 *August 19, 2016*

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: September 18, 2016

NSF (NSF International)

Revision

BSR/NSF 50-201x (i109r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 283-201X, Standard for Safety for Air Fresheners and Deodorizers (Proposal dated 8-19-16) (revision of ANSI/UL 283-2015)

This proposal includes (1) STP-1 supply cords for lightweight products and (2) Revision to increase the allowed temperature of hot liquids.

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 555-201x, Standard for Safety for Fire Dampers (Proposal dated 08 -19-16) (revision of ANSI/UL 555-2013)

The following changes in requirements to the Standard for Fire Dampers, UL 555, are being proposed: (1) The Long Term Holding Test; (2) Temperature range expansion for Dynamic Closure Test.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lane Terrell, (919) 549 -1309, lane.terrell@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 555C-201x, Standard for Safety for Ceiling Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555C-2010 (R2014))

The following changes in requirements to the Standard for Ceiling Dampers, UL 555C, are being proposed: (1) Alignment of UL 555, UL 555C, and UL 555S.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lane Terrell, (919) 549 -1309, lane.terrell@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 555S-201x, Standard for Safety for Smoke Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555S-2014)

The following changes in requirements to the Standard for Smoke Dampers, UL 555S, are being proposed: (1) Alignment between UL 555 group of standards.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lane Terrell, (919) 549 -1309, lane.terrell@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 558-201X, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (Proposal dated 8-19-16) (revision of ANSI/UL 558-2015)

This proposal includes: (1) Wiring and cable exposure to fuel drippage, (2) Overcurrent protection devices, (3) Electrical system protection, (4) Sparking component enclosure requirement, and (5) Manual disconnect switch.

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 1082-201X, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances (Proposals dated 8/19/16) (revision of ANSI/UL 1082-2015)

Change to the Instruction Manual for Household Electric Drip-Type Coffee Makers and Other Similar Drip-Type Brewing Appliances, New SA24.1.1.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1640-201x, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)

This project covers revised versions of the following proposals for UL 1640 that were published for ballot on May 27, 2016: (1) Revision of the scope of UL 1640, and (2) Addition of requirements for the use of "weather resistant" receptacles for equipment rated for outdoor use.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319 -4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 8750-201X, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2015)

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

Click here to view these changes in full

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

Comment Deadline: October 3, 2016

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 11737-1-201x, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on product (identical national adoption of ISO 11737-1 (in development) and revision of ANSI/AAMI/ISO 11737-1-2006 (R2011))

Specifies general criteria to be applied in the estimation of the population of viable microorganisms on a medical device or component, raw material or package thereof. This estimation consists of both enumeration and characterization of the population.

Single copy price: Free

Order from: https://standards.aami.org/kws/groups/PUBLIC_REV/download/9792

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

ACCA (Air Conditioning Contractors of America)

Revision

BSR/ACCA 1 Manual D-201x, Residential Duct Systems (revision of ANSI/ACCA 1 Manual D-2014)

Revises the standard that provides the methods and procedures for the design of residential heating, ventilating, and air-conditioning (HVAC) duct systems for single- and multi-zone HVAC systems. The Standard uses ANSI/ACCA 2 Manual J-2016 heating and cooling loads to determine space air delivery requirements. The Standard matches duct system resistance (pressure drop) to blower performance (as defined by manufacturer's blower performance tables). Information on obtaining the revised standard and the required response form is at www.acca.org/ansi.

Single copy price: Free

Obtain an electronic copy from: www.acca.org/ansi

Order from: www.acca.org/ansi

Send comments (with copy to psa@ansi.org) to: standards-sec@acca.org

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

BSR/ASABE AD26322-1:2008 MONYEAR, Tractors for Agriculture and Forestry - Safety - Part 1: Standard Tractors (national adoption of ISO 26322-1:2008 with modifications and revision of ANSI/ASABE/ISO 26322-1-2012)

Specifies general safety requirements and their verification of the design and construction of standard tractors used in agriculture and forestry. These tractors have at least two axles for pneumatic-tired wheels, with the smallest track gauge of the rear axle exceeding 1 150 mm, or tracks instead of wheels, with their unballasted tractor mass being greater than 600 kg.

Single copy price: $58.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

AWS (American Welding Society)

Revision

BSR/AWS B2.1-1-027-201x, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1 or P-1, Groups 1 and 2), 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, E71T-11, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-027-2011)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1/2 inch [13 mm], using self-shielded flux cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: $128.00

Obtain an electronic copy from: jrosario@aws.org

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

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

CTA (Consumer Technology Association)

Reaffirmation

BSR/CTA-2017-A-2010 (R201x), Common Interconnection for Portable Media Players (reaffirmation of ANSI/CTA 2017-A-2010)

This standard defines electrical and mechanical properties for a connector that will pass audio, video and associated metadata signals, control signals, and power between portable electronic devices and in home and in vehicle audio/video systems.

Single copy price: $83.00

Obtain an electronic copy from: standards@cta.tech

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

Send comments (with copy to psa@ansi.org) to: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO UMC 1-2018, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2015)

This code provides minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators, and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of mechanical systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org; abraham.murra@iapmort.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, (909) 472-4203, gaby.davis@iapmo.org

IAPMO (International Association of Plumbing & Mechanical Officials)

Revision

BSR/IAPMO UPC 1-2018, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2015)

This code provides minimum standards and requirements to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, use, or maintenance of plumbing systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, (909) 472-4110, lynne.simnick@iapmo.org; abraham.murra@iapmort.org

Send comments (with copy to psa@ansi.org) to: Gabriella Davis, (909) 472 -4203, gaby.davis@iapmo.org

IESNA (Illuminating Engineering Society of North America)

Revision

BSR/IES RP-29-201x, Lighting for Hospitals and Healthcare Facilities (revision and redesignation of ANSI/IESNA RP-29-2006 (R2016))

This practice provides guidelines for good lighting, inspires the designers of lighting systems so that the sick and infirm will have a more comfortable and enjoyable recovery environment.

Single copy price: $25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

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

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

KCMA (Kitchen Cabinet Manufacturers Association)

Revision

BSR/KCMA A161.1-201x, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-2012)

Performance and construction standard for factory manufactured, factory-finished kitchen and vanity cabinets.

Single copy price: Free

Obtain an electronic copy from: carnold@kcma.org

Order from: Chuck Arnold, (703) 264-1690, carnold@kcma.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

BSR ICEA S-84-608-201x, Standard for Telecommunications Cable Filled, Polyolefin Insulated, Copper Conductor Technical Requirements (new standard)

This Standard covers mechanical and electrical requirements for filled, polyolefin insulated, copper conductor telecommunications cable. It provides alternative choices for type of insulation, type of filling compound, core lay-ups, color code, sheath design (shielding materials, single or double jackets, and jacket thicknesses), and screened or non-screened core.

Single copy price: $149.00

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

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

NPES (ASC B65) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmation

BSR/NAPIM 177.1-2007 (R201x), Safety standard - Three-roll printing ink mills (reaffirmation of ANSI/NAPIM 177.1-2007 (R2011))

The requirements of this standard apply to all three-roll mills used in the printing ink manufacturing industry. The purpose of this standard is to establish safety requirements with respect to safety controls, operating procedures and design of three-roll mills.

Single copy price: $39.00

Obtain an electronic copy from: dorf@npes.org

Order from: Debra Orf, (703) 264-7200, dorf@npes.org

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

NPES (ASC B65) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmation

BSR/NAPIM 177.2-2006 (R201x), Safety standard - Printing ink vertical post mixers (reaffirmation of ANSI/NAPIM 177.2-2006 (R2011))

The requirements of this standard apply to vertical post mixers designed to be used in the manufacturing of printing inks. The purpose of this standard is to establish safety requirements with respect to the design and operation of vertical post mixers.

Single copy price: $39.00

Obtain an electronic copy from: Dorf@npes.org

Order from: Debra Orf, (703) 264-7200, dorf@npes.org

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 15-201x, Specification for Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 15-2002 (R2006))

This specification applies to material, electrical- and mechanical properties of 75-ohm coaxial cables as defined in this standard. Seventy-five-ohm coaxial cables are used to distribute radio frequency (R.F.), digital signals and power as applicable.

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

TCIA (ASC A300) (Tree Care Industry Association)

New Standard

BSR A300 (Part 9)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management (Tree Risk Assessment a. Tree Failure) (new standard)

A300 standards are performance standards for the management of trees, shrubs, and other woody plants. They are also a guide in the drafting of woody plant management specifications for federal, state, municipal, and private authorities including property owners, property managers, and utilities. BSR A300 (Part 9)-201x, Tree Risk Assessment a. Tree Failure, will provide standard practices for assessment of tree structure in relation to tree failure and a tree-assessment specification writing guide.

Single copy price: $15.00 (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

Order from: Robert Rouse, (603) 314-5380, rrouse@tcia.org

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

TCIA (ASC A300) (Tree Care Industry Association)

Revision

BSR A300 (Part 1)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management (Pruning) (revision and redesignation of ANSI A300 (Part 1) Pruning-2008 (R2014))

A300 standards are performance standards for the management of trees, shrubs, and other woody plants. They are also a guide in the drafting of woody plant management specifications for federal, state, municipal, and private authorities including property owners, property managers, and utilities. BSR A300 (Part 1)-201x, Pruning, will provide standard practices for pruning of trees and other woody plants and a pruning specification writing guide.

Single copy price: $15.00 (Paper copies)

Obtain an electronic copy from: rrouse@tcia.org

Order from: Robert Rouse, (603) 314-5380, rrouse@tcia.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)

This Standard specifies requirements for telecommunications infrastructure for healthcare facilities (e.g., hospitals, clinics). It specifies cabling, cabling topologies, and cabling distances. Additionally, pathways and spaces (e.g., sizing and location), and ancillary requirements are addressed. Telecommunications cabling specified by this standard is intended to support a wide range of healthcare facilities and systems.

Single copy price: $103.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-26-201X, Standard for Safety for Explosive Atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga (national adoption of IEC 60079-26 with modifications and revision of ANSI/ISA 60079 -26 (12.00.03)-2011)

Adoption of IEC 60079-26, Explosive Atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga, as a new IEC-based UL standard, UL 60079-26, with US Deviations.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 840-2012 (R201x), Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (reaffirmation of ANSI/UL 840-2012)

Reaffirmation of ANSI approval for UL 840.

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: Casey Granata, (919) 549 -1054, Casey.Granata@UL.Com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 875-201x, Standard for Safety for Electric Dry-Bath Heaters (Proposal dated 8-19-2016) (revision of ANSI/UL 875-2011)

The following is proposed: (1) Add requirements for electronic circuits; (2) Allow the use of UL 840 to evaluate clearance and creepage distances; (3) Update requirements for switches; and (4) Add reference to requirements for the Button or Coin Cell Batteries of Lithium Technologies.

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: Grace Roh, (919) 549 -1389, Grace.Roh@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1059-201X, Standard for Safety for Terminal Blocks (revision and redesignation of ANSI/UL 1059-2011)

The following changes in requirements to the Standard for Safety for Terminal Blocks, UL 1059, are being proposed: (1) Acknowledge that the Mold Stress Relief Test is not required on generic materials with RTI's greater than 70C; (2) New spacing option in accordance with spacing provisions in UL 508, Section 39, and UL 508C, 36.9 - “Alternative Spacings”; (3) Simplify requirements for recording ambient temperature during temperature test; (4) Include protective conductor terminal blocks (PCTB) rated for use with aluminum conductors; and (5) Correction to cl. 50.3.1.

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: Valara Davis, (919) 549 -0921, Valara.Davis@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2586A-201x, 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)

The following is being proposed: (1) Update requirements to include alternate requirements for compression set limits of constant pressure static face seals.

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: Jeff Prusko, (847) 664 -3416, jeffrey.prusko@ul.com

Comment Deadline: October 18, 2016

ANS (American Nuclear Society)

New Standard

BSR/ANS 57.3-200x, Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants (new standard)

This standard defines the required functions of wet or dry storage facilities for new fuel at light-water-reactor nuclear power plants. It provides minimum design requirements for safe storage of new nuclear fuel and control components at such plants. The fuel storage facilities covered by this standard are used for receiving, inspecting, and storing fuel containing new and recycled uranium and mixed oxides.

Single copy price: $64.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B73.2-201x, Specification for Vertical In-Line Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.2-2003)

This Standard covers motor-driven centrifugal pumps of vertical-shaft, single-stage design with suction and discharge nozzles in line. It includes dimensional interchangeability requirements and certain design features to facilitate installation and maintenance. It is the intent of this Standard that pumps of the same standard dimension designation, from all sources of supply, shall be interchangeable with respect to mounting dimensions and size location of suction and discharge nozzles.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

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

ASME (American Society of Mechanical Engineers)

Withdrawal

ANSI/ASME B1.20.2M-2006 (R2011), Pipe Threads, 60 Deg, General Purpose (withdrawal of ANSI/ASME B1.20.2M-2006 (R2011))

This Standard specifies the designations, dimensions, and tolerances and establishes a verification system for 60 deg included angle pipe threads. It is applicable for general purpose pipe and fitting connections. Where pressure-tight joints are required, it is intended that taper pipe threads conforming to this Standard be made up wrench-tight with a sealant. To prevent galling on certain piping materials such as stainless steel, the sealant should contain a lubricant.

Single copy price: $42.00

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

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

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

HL7 (Health Level Seven)

BSR/HL7 V3 PCAS, R1-201x, HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 (new standard)

Inquiries may be directed to Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

UL (Underwriters Laboratories, Inc.)

BSR/UL 1563-2012 (R201x), Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (reaffirmation of ANSI/UL 1563-2012)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ASSE (ASC Z88) (American Society of Safety Engineers)

ANSI/AIHA Z88.6-2006, Respirator Use - Physical Qualifications for Personnel

AWWA (American Water Works Association)

ANSI/AWWA D115-2006, Tendon Prestressed Concrete Water Tanks

BHMA (Builders Hardware Manufacturers Association)

ANSI/BHMA A156.115-W-2006, Hardware Preparation for Wood Doors and Frames

CTA (Consumer Technology Association)

ANSI/CTA 851-A-2006, Versatile Home Network

FCI (Fluid Controls Institute)

ANSI/FCI 69-1-1989 (R2004), Pressure Rating Standard for Steam Traps

HL7 (Health Level Seven)

ANSI/HL7 V3 PORT, R1-2004, HL7 Version 3 Standard: Regulated Studies - Periodic Reporting of Clinical Trials Laboratory Results, Release 1

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

ANSI/ASSE 1008-2006, Performance Requirements for the Plumbing Aspects of Residential Food Waste Disposer Units

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

ANSI/ASSE 1060-2006, Performance Requirements for Outdoor Enclosures for Fluid Conveying Equipment

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 421.3-1997 (R2004), Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines

IEEE (Institute of Electrical and Electronics Engineers)

ANSI/IEEE 1268-2005, Guide for the Safe Installation of Mobile Substation Equipment

SAIA (ASC A11) (Scaffold & Access Industry Association)

ANSI/SSFI SC 100-2005, Standards for Testing and Rating Scaffold Assemblies and Components

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

ANSI/SMACNA 006-2006, HVAC Duct Construction Standards - Metal and Flexible, 3rd Edition

Approval Rescinded

ANSI/ASTM F963-2016

At ASTM’s request the approval of ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety as an American National Standard has been rescinded. Please direct any questions to: Corice Leonard, (610) 832 -9744, accreditation@astm.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.

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Hae Choe*

Phone: (703) 253-8268

Fax: (703) 276-0793

E-mail: HChoe@aami.org; customerservice@aami.org

BSR/AAMI/IEC 60601-2-4/A1-201x, Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (addenda to ANSI/AAMI/IEC 60601-2-4-2010 (R2015))

Please note that IEC 60601-2-4 is being amended (this is available for public comment at present time), which AAMI will be adopting as an amendment to an American National Standard. The committee is looking for further participation from U.S. members. Although the amendment of IEC 60601-2-4 does not include significant changes to the standard, the AAMI committee is working on several possible revisions to the IEC 60601-2-4 which the group plans to send to IEC. With the proposed revision/amendment schedule for the IEC 60601 series, there is high likelihood that work on revising 60601-2-4 will need to start soon. Therefore, input is being sought for all users, manufacturers or others interested in cardiac defibrillators. Please contact Hae Choe at AAMI (hchoe@aami.org) to get involved or for more information.

BSR/AAMI/ISO 11737-1-201x, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on product (identical national adoption of ISO 11737 -1 (in development) and revision of ANSI/AAMI/ISO 11737-1-2006 (R2011))

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Stephen Crimaudo*

Phone: (202) 682-8151

Fax: (202) 682-4797

E-mail: crimaudos@api.org

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

APPA (APPA - Leadership in Educational Facilities)

Office: 1643 Prince Street
Alexandria, VA 22314

Contact: *Billie Zidek*

Phone: (703) 542-3846

Fax: (703) 542-3798

E-mail: billie@appa.org

BSR/APPA 1100-201x, Facility Management Terms and Definitions (new standard)

BIFMA (Business and Institutional Furniture Manufacturers Association)

Office: 678 Front Ave. NW
Grand Rapids, MI 49504

Contact: *David Panning*

Phone: (616) 285-3963

Fax: (616) 285-3765

E-mail: dpanning@bifma.org

BSR/BIFMA X5.4-201X, Lounge and Public Seating - Tests (revision of ANSI/BIFMA X5.4-2012)

BSR/BIFMA X5.9-201X, Storage Units - Tests (revision of ANSI/BIFMA X5.9-2012)

BSR/BIFMA X6.1-201X, Educational Seating - Tests (revision of ANSI/BIFMA X6.1-2012)

EASA (Electrical Apparatus Service Association)

Office: 1331 Baur Blvd.
St. Louis, MO 63132

Contact: *Thomas Bishop*

Phone: (314) 993-2220

Fax: (314) 993-1269

E-mail: tbishop@easa.com

BSR/EASA AR100-201x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2015)

IESNA (Illuminating Engineering Society of North America)

Office: 120 Wall St. - 17th Floor
New York, NY 11570

Contact: *Pat McGillicuddy*

Phone: (212) 248-5000

E-mail: pmcgillicuddy@ies.org

BSR/IES RP-7-201x, Recommended Practice for Lighting Industrial Facilities (revision and redesignation of ANSI/IESNA RP-7-2012)

BSR/IES RP-16-201x, Nomenclature and Definitions for Illuminating Engineering (new standard)

BSR/IES RP-29-201x, Lighting for Hospitals and Healthcare Facilities (revision and redesignation of ANSI/IESNA RP-29-2006 (R2016))

BSR/IES TM-23-201x, Lighting Control Protocols (new standard)

KCMA (Kitchen Cabinet Manufacturers Association)

Office: 1899 Preston White Drive
Reston, VA 20191

Contact: *Chuck Arnold*

Phone: (703) 264-1690

E-mail: carnold@kcma.org

BSR/KCMA A161.1-201x, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-2012)

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 50-201x (i109r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

RESNA (Rehabilitation Engineering and Assistive Technology Societv of North America)

Office: 1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Phone: (703) 524-6686

Fax: (703) 524-6630

E-mail: YMeding@resna.org

BSR/RESNA ASE-1-201x, RESNA Standard for Adaptive Sports Equipment Volume 1: Winter Sports Equipment (revision of ANSI/RESNA ASE-1-2016)

BSR/RESNA CA-1-201x, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (revision of ANSI/RESNA CA-1-2016)

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 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179 -2010)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709

Contact: *Lane Terrell*

Phone: (919) 549-1309

E-mail: lane.terrell@ul.com

BSR/UL 555-201x, Standard for Safety for Fire Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555-2013)

BSR/UL 555C-201x, Standard for Safety for Ceiling Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555C-2010 (R2014))

BSR/UL 555S-201x, Standard for Safety for Smoke Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555S-2014)

BSR/UL 558-201X, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (Proposal dated 8-19-16) (revision of ANSI/UL 558-2015)

BSR/UL 1640-201x, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)

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.

AISI (American Iron and Steel Institute)

Revision

ANSI/AISI S100-2016, North American Specification for the Design of Cold-Formed Steel Structural Members (revision of ANSI/AISI S100 -2012): 8/5/2016

Supplement

ANSI/AISI S400-15/S1-2016, Supplement 1 to the North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (supplement to ANSI/AISI S400-2015): 8/5/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 19.6.1-2011 (R2016), Reload Startup Physics Tests for Pressurized Water Reactors (reaffirmation of ANSI/ANS 19.6.1 -2011): 8/5/2016

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.100-140-2016, Specifications for an Image Replacement Document (IRD) (revision of ANSI X9.100-140-2013): 8/10/2016

ANSI X9.100-187-2016, Specifications for Electronic Exchange of Check and Image Data - Domestic (revision of ANSI X9.100-187 -2013): 8/10/2016

ASCE (American Society of Civil Engineers)

New Standard

* ANSI/ASCE/EWRI 45-46-47-2016, ASCE/EWRI 45, Standard Guidelines for the Design of Urban Stormwater Systems; ASCE/EWRI 46, Standard Guidelines for the Installation of Urban Stormwater Systems; ASCE/EWRI 47, Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems (new standard): 8/10/2016

AWS (American Welding Society)

Revision

ANSI/AWS B2.2/B2.2M-2016, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M -2009): 8/5/2016

AWWA (American Water Works Association)

Revision

ANSI/AWWA C300-2016, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (revision of ANSI/AWWA C300-2011): 8/10/2016

ANSI/AWWA C302-2016, Reinforced Concrete Pressure Pipe, Noncylinder Type (revision of ANSI/AWWA C302-2011): 8/10/2016

CSA (CSA Group)

Revision

* ANSI Z21.5.2-2016, Standard for Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers (same as CSA 7.2) (revision of ANSI Z21.5.2 -2013): 8/5/2016

ESTA (Entertainment Services and Technology Association)

New Standard

ANSI E1.42-2016, Entertainment Technology - Design, Installation, and Use of Orchestra Pit Lifts (new standard): 8/5/2016

HI (Hydraulic Institute)

Revision

ANSI/HI 12.1-12.6-2016, Rotodyanmic Centrifugal Slurry Pumps for Nomenclature, Definitions, Applications, and Operation (revision of ANSI/HI 12.1-12.6-2011): 8/5/2016

HL7 (Health Level Seven)

Revision

ANSI/HL7 IMTRANS, R2-2016, HL7 Version 3 Standard: Transmission Infrastructure, Release 2 (revision and redesignation of ANSI/HL7 V3 IM R1.1-2013): 8/5/2016

IEEE (Institute of Electrical and Electronics Engineers)

Addenda

ANSI/IEEE 802.1Qcd-2016, Standard for Local and metropolitan area networks - Bridges and Bridged Networks - Amendment 23: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV) (addenda to ANSI/IEEE 802.1Q-2012): 8/5/2016

New Standard

ANSI/IEEE 848-2015, Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems (new standard): 8/5/2016

ANSI/IEEE 1484.13.6-2015, Recommended Practice for Learning Technology - Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI-ORE) - Mapping to the Conceptual Model for Resource Aggregation (new standard): 8/5/2016

ANSI/IEEE 1872-2016, Standard Ontologies for Robotics and Automation (new standard): 8/5/2016

Revision

ANSI/IEEE C37.20.6-2015, Standard for 4.76 kV to 38 kV Rated Ground and Test Devices Used in Enclosures (revision of ANSI/IEEE C37.20.6-2007): 8/5/2016

NECA (National Electrical Contractors Association)

Revision

* ANSI/NECA 430-2016, Standard for Installing and Maintaining Medium-Voltage Switchgear (revision of ANSI/NECA 430-2006): 8/10/2016

NSF (NSF International)

Revision

ANSI/NSF 60-2016 (i71r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a): 8/9/2016

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Revision

* ANSI/RESNA ASE-1-2016, RESNA Standard for Adaptive Sports Equipment - Volume 1: Winter Sports Equipment (revision of ANSI/RESNA ASE-1-2014): 8/5/2016

UL (Underwriters Laboratories, Inc.)

New National Adoption

* ANSI/UL 62841-3-10-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-10: Particular Requirements for Transportable Cut-Off Machines (identical national adoption of IEC 62841-3-10): 8/5/2016

Reaffirmation

* ANSI/UL 60745-2-1-2011 (R2016), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular Requirements for Drills and Impact Drills (reaffirmation of ANSI/UL 60745-2-1-2011): 8/4/2016

Revision

ANSI/UL 94-2016a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2015): 3/21/2016

ANSI/UL 746E-2016b, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2013c): 8/5/2016

* ANSI/UL 1081-2016, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2014): 8/9/2016

ANSI/UL 2775-2016, Standard for Safety for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2014): 8/5/2016

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.

AIAA (American Institute of Aeronautics and Astronautics)

Office: 12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807

Contact: *Hillary Woehrle*

E-mail: hillaryw@aiaa.org

BSR/AIAA S-144-201x, Large Prismatic Li-ion Space Cell Standard (new standard)

Stakeholders: Satellite customers and space prime contractors.

Project Need: This standard will enable lower space battery costs, by developing a standard dimension Li-ion cell footprint to enable battery modularity and scalability.

Covers product specification for large (approximately 75 A-h), prismatic-format space Lithium-ion cell to enable multiple vendors with dual-source availability for parts.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: *Stephen Crimaudo*

Fax: (202) 682-4797

E-mail: crimaudos@api.org

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

Stakeholders: Refining, pipeline and terminal industry owners/operators; government agencies; industry associations, international organizations, engineering consultants and experts.

Project Need: To revise and update the existing Standard.

The scope of this standard is intended for storage tanks associated with marketing, refining, pipeline, and terminals containing Class I or Class II petroleum liquids. Use is recommended for Class III petroleum liquids.

APPA (APPA - Leadership in Educational Facilities)

Office: 1643 Prince Street
Alexandria, VA 22314

Contact: *Billie Zidek*

Fax: (703) 542-3798

E-mail: billie@appa.org

BSR/APPA 1100-201x, Facility Management Terms and Definitions (new standard)

Stakeholders: Owners of buildings, facilities, infrastructure, general site, property, architecture, building design and planning, construction, building/facilities management, operations and maintenance, energy management, users of assets, and capital needs planners.

Project Need: Establish a database of nationally recognized terms, definitions, and used by facilities, building or supporting infrastructures.

This standard will be a compilation of facility management terms and definitions to be housed on the APPA International website. Areas of application for this standard include project delivery (planning, design, construction, and commissioning), maintenance and operations, energy, utilities, environmental stewardship, planning, design, and construction.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME A112.4.4-201x, Push-Fit Drain, Waste and Vent (DWV) Fittings (new standard)

Stakeholders: Plumbing manufacturers, certifiers, inspectors, and government jurisdictions that implement these Standards.

Project Need: Establish a Standard for a push-fit Drain, Waste and Vent (DWV) fitting system.

This Standard covers reversible 1-1/2-inch, 2-inch, and 3-inch NPS push-fit drain, waste, and vent fittings intended for quick assembly of DWV pipe and fittings for applications operating at temperatures between 32ºF and 140ºF, and specifies requirements for materials, physical characteristics, performance testing, and markings.

BIFMA (Business and Institutional Furniture Manufacturers Association)

Office: 678 Front Ave. NW
Grand Rapids, MI 49504

Contact: *David Panning*

Fax: (616) 285-3765

E-mail: dpanning@bifma.org

* BSR/BIFMA X5.4-201X, Lounge and Public Seating - Tests (revision of ANSI/BIFMA X5.4-2012)

Stakeholders: Office furniture manufacturers, suppliers, users, test labs, specifiers.

Project Need: Revise the current edition of ANSI/BIFMA X5.4-2012.

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional lounge and public seating.

* BSR/BIFMA X5.9-201X, Storage Units - Tests (revision of ANSI/BIFMA X5.9-2012)

Stakeholders: Office furniture manufacturers, suppliers, users, test labs, specifiers.

Project Need: Revise the current edition of ANSI/BIFMA X5.9-2012.

This standard provides a common basis for evaluating the safety, durability, and structural performance of storage units.

* BSR/BIFMA X6.1-201X, Educational Seating - Tests (revision of ANSI/BIFMA X6.1-2012)

Stakeholders: Office furniture manufacturers, suppliers, users, test labs, specifiers.

Project Need: Revise the current edition of ANSI/BIFMA X6.1-2012.

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of educational seating, including units with integrated desk or table surfaces.

EASA (Electrical Apparatus Service Association)

Office: 1331 Baur Blvd.
St. Louis, MO 63132

Contact: *Thomas Bishop*

Fax: (314) 993-1269

E-mail: tbishop@easa.com

BSR/EASA AR100-201x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2015)

Stakeholders: Electrical apparatus service centers and end users.

Project Need: EASA and ANSI procedures require periodic reaffirmation or revision of standards.

This document describes record-keeping, tests, analysis, and general guidelines for the repair of rotating electrical apparatus, including generators and motors.

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 61014-201x, Programmes for reliability growth (identical national adoption of IEC 61014:2003 Edition 2.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This Standard specifies requirements and gives guidelines for the exposure and removal of weaknesses in hardware and software items for the purpose of reliability growth. It applies when the product specification calls for a reliability growth program of equipment (electronic, electromechanical and mechanical hardware as well as software) or when it is known that the design is unlikely to meet the requirements without improvement. A statement of the basic concepts is followed by descriptions of the management, planning, testing (laboratory or field), failure analysis, and corrective techniques required. Mathematical modeling, to estimate the level of reliability achieved, is outlined briefly.

BSR/EIA 61025-201x, Fault tree analysis (FTA) (identical national adoption of IEC 61025:2006 Edition 2.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This Standard describes fault-tree analysis and provides guidance on its application as follows:
- definition of basic principles;
- describing and explaining the associated mathematical modeling;
- explaining the relationships of FTA to other reliability modeling techniques;
- description of the steps involved in performing the FTA;
- identification of appropriate assumptions, events and failure modes; and
- identification and description of commonly used symbols.

BSR/EIA 61124-201x, Reliability testing - Compliance tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124:2012 Edition 3.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This International Standard gives a number of optimized test plans, the corresponding operating characteristic curves and expected test times. In addition, the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans.

BSR/EIA 61164-201x, Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164:2004 Edition 2.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This Standard gives models and numerical methods for reliability growth assessments based on failure data, which were generated in a reliability improvement program. These procedures deal with growth, estimation, confidence intervals for product reliability, and goodness-of-fit tests.

BSR/EIA 61710-201x, Power law mode - Goodness-of-fit tests and estimation methods (identical national adoption of IEC 61710:2013 Edition 2.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This Standard specifies procedures to estimate the parameters of the power law model, to provide confidence intervals for the failure intensity, to provide prediction intervals for the times to future failures, and to test the goodness-of-fit of the power law model to data from repairable items. It is assumed that the time to failure data have been collected from an item, or some identical items operating under the same conditions (e.g., environment and load).

BSR/EIA 62506-201x, Methods for product accelerated testing (identical national adoption of IEC 62506:2013 Edition 1.0)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Adopt identical IEC standard.

This Standard provides guidance on the application of various accelerated test techniques for measurement or improvement of product reliability. Identification of potential failure modes that could be experienced in the use of a product/item and their mitigation is instrumental to ensure dependability of an item. The object of the methods is to either identify potential design weakness or provide information on item dependability, or to achieve necessary reliability/availability improvement, all within a compressed or accelerated period of time. This standard addresses accelerated testing of non-repairable and repairable systems. It can be used for probability ratio sequential tests, fixed duration tests and reliability improvement/growth tests, where the measure of reliability may differ from the standard probability of failure occurrence. This standard also extends to present accelerated testing or production screening methods that would identify weakness introduced into the product by manufacturing error, which could compromise product dependability.

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

Office: 5001 E. Philadelphia Street
Ontario, CA 91761-2816

Contact: *Charles Gross*

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E-mail: charles.gross@iapmo.org

* BSR/IAPMO Z1001.1-201x, Prefabricated Gravity Grease Interceptor Performance (new standard)

Stakeholders: Producers, distributors, architects, code officials, contractors, installers, and end users

Project Need: Needed for performance rating and certification purposes.

This standard establishes performance specifications for the evaluation processes and analytical methods of multi-fixture, high-capacity grease interceptors installed outside of food service establishments.

IESNA (Illuminating Engineering Society of North America)

Office: 120 Wall St. - 17th Floor
New York, NY 11570

Contact: *Pat McGillicuddy*

E-mail: pmcgillicuddy@ies.org

BSR/IES RP-7-201x, Recommended Practice for Lighting Industrial Facilities (revision and redesignation of ANSI/IESNA RP-7-2012)

Stakeholders: Lighting practitioners, electrical engineers, electrical contractors.

Project Need: Revise Recommended Practice for Lighting Industrial Facilities.

Provide lighting recommendations for the industrial environment.

BSR/IES RP-16-201x, Nomenclature and Definitions for Illuminating Engineering (new standard)

Stakeholders: Lighting practitioners, electrical engineers, electrical contractors, architects, general contractors.

Project Need: Revise ANSI/IES RP-16-05 for new lighting terms.

To define the terms used for illuminating engineering with respect to the production, measurement and application of light, or radiant energy within the limits of the visual spectrum.

BSR/IES RP-20-201x, Lighting for Parking Facilities (new standard)

Stakeholders: Lighting practitioners, electrical engineers, electrical contractors, parking facilities operators/owners.

Project Need: Provide recommendations for the design of fixed lighting for parking facilities.

Recommendations include exterior and interior lighting practices for the reasonably safe movement of vehicular and pedestrian traffic in parking facilities.

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

Stakeholders: Lighting practitioners, electrical engineers, electrical contractors, light lab technicians.

Project Need: Revise the 2007 standard.

Covers the classification, labeling, and informational requirements for lamps that emit optical radiation in the wavelength range from 200 nm to 3000 nm, with exception for light emitting diodes used in optical fiber communication systems and for lasers. Lamps included are incandesccent filament lamps including tungsten-halogen types and incandescent heating sources, low-pressure discharge lamps, high-intensity discharge (HID) lamps, short-arc lamps, carbon arcs, electroluminescent lamps, light-emitting diodes (LEDs), and laser-driven broadband sources. Federal mandatory requirements for lamps subject to specific Federal Regulations take precedence over requirements.

BSR/IES TM-23-201x, Lighting Control Protocols (new standard)

Stakeholders: Lighting practitioners, electrical engineers, electrical contractors, lighting control manufacturers.

Project Need: Resource for lighting control data language protocols.

A technical resource for lighting specifiers/practitioners to integrate lighting controls into their projects.

RESNA (Rehabilitation Engineering and Assistive Technology Societv of North America)
Office: 1700 N. Moore Street
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Arlington, VA 22209-1903
Contact: *Yvonne Meding*
Fax: (703) 524-6630
E-mail: YMeding@resna.org

* BSR/RESNA ASE-1-201x, RESNA Standard for Adaptive Sports Equipment - Volume 1: Winter Sports Equipment (revision of ANSI/RESNA ASE-1-2016)

Stakeholders: Adaptive skiers; manufacturers and designers of sit-skis, mono-skis, and bi-skis; adaptive ski program directors; ski alpine industry representatives; lift equipment manufacturers and operators; governmental representatives (US Access Board and USDA Forest Service); and entities that establish coding guidelines and establish policy for the provision of adaptive sports equipment.

Project Need: These standards affect people with disabilities, including mobility, visual, hearing, and/or cognitive impairment. They are designed to increase accessibility of sit-skis, mono-skis, and bi-skis for adaptive skiers. Consideration is given to design, construction, and operation in a manner that helps reduce danger to skiers. This standard will be expanded to include requirements and test methods for skier restraint systems for use by people with certain types of impairments when riding on chairlifts.

This standard includes requirements and test methods for adaptive winter sports equipment (sit-skis, mono-skis, and bi-skis). Additional sections pertaining to other types of winter adaptive sports equipment will be developed and incorporated with future revisions. A new section of the standard will include requirements and test methods for restraint systems for use on chairlifts.

* BSR/RESNA CA-1-201x, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (revision of ANSI/RESNA CA-1-2016)

Stakeholders: People with cognitive impairment, caregivers, educators, and organizations representing the technical needs of persons with cognitive impairments, entities that establish coding guidelines and establish policy for the provision of cognitive technologies, manufacturers of cognitive devices, and researchers, designers, and test laboratories of cognitive devices.

Project Need: These standards affect people with cognitive impairment, i.e., Alzheimer's, attention disorder, autism, brain injury, cerebral palsy, Down's syndrome, learning disability, Parkinson's disease, and stroke; their caregivers and educators; and manufacturers of technology products they use. They are designed to increase accessibility of mainstream and assistive products for people with cognitive impairment, at different stages of development (young and aging), and who have difficulty communicating.

The standard will establish requirements for the universal design of products used by people with cognitive impairment. Products include: Assistive technologies, consumer technologies, and household appliances. The standard is intended to increase but not ensure access to a variety of products. Designers shall use this guideline with any existing standards and accompanying test methods for their products. Attention to hardware devices will precede software.

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
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274
Fax: (703) 276-0793
Web: www.aami.org

ACCA
Air Conditioning Contractors of America
2800 Shirlington Road, Suite 300
Arlington, VA 22206
Phone: (703) 824-8865
Fax: (703) 575-9147
Web: www.acca.org

AIAA
American Institute of Aeronautics and Astronautics
12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807
Phone: (703) 264-7546
Web: www.aiaa.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

API
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8151
Fax: (202) 682-4797
Web: www.api.org

APPA
APPA - Leadership in Educational Facilities
1643 Prince Street
Alexandria, VA 22314
Phone: (703) 542-3846
Fax: (703) 542-3798
Web: www.appa.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

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

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

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

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

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Ave. NW
Grand Rapids, MI 49504
Phone: (616) 285-3963
Fax: (616) 285-3765
Web: www.bifma.org

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

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

EASA
Electrical Apparatus Service Association
1331 Baur Blvd.
St. Louis, MO 63132
Phone: (314) 993-2220
Fax: (314) 993-1269

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

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

HI
Hydraulic Institute
6 Campus Drive, 1st Floor North
Parsippany, NJ 07054
Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.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

IAPMO
International Association of Plumbing and Mechanical Officials
4755 E. Philadelphia Street
Ontario, CA 91761
Phone: (909) 472-4203
Fax: (909) 472-4241
Web: www.iapmo.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
5001 E. Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4136
Fax: (909) 472-4178
Web: www.iapmort.org

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

IESNA
Illuminating Engineering Society of North America
120 Wall St. - 17th Floor
New York, NY 11570
Phone: (212) 248-5000
Web: www.iesna.org

KCMA
Kitchen Cabinet Manufacturers Association
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-1690
Web: www.kcma.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

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.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) 769-5197
Web: www.nsf.org

RESNA
Rehabilitation Engineering and
Assistive Technology Society of
North America

1700 N. Moore Street
Suite 1540
Arlington, VA 22209-1903
Phone: (703) 524-6686
Fax: (703) 524-6630
Web: www.resna.org

SCTE
Society of Cable Telecommunications
Engineers

140 Philips Road
Exton, PA 19341-1318
Phone: (480) 252-2330
Fax: (610) 363-5898
Web: www.scte.org

TCIA (ASC A300)
Tree Care Industry Association

136 Harvey Road
Suite 101
Londonderry, NH 03053
Phone: (603) 314-5380
Fax: (603) 314-5386
Web: www.treecareindustry.org

TIA
Telecommunications Industry
Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851
Web: www.ul.com

ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 2451, Cocoa beans - Specification and quality requirements - 8/31/2016, $77.00

ISO/DIS 20976-1, Microbiology of the food chain - Guidelines for conducting challenge tests of food and feed products - Part 1: Challenge tests to study the growth potential, lag time and the maximum growth rate - 9/2/2016, $98.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 9170-1, Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum - 9/2/2016, $88.00

IEC/DIS 80601-2-59, Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening, $98.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 29464, Cleaning of air and other gases - Terminology - 8/31/2016, $119.00

CRANES (TC 96)

ISO/DIS 9927-5, Cranes - Inspections - Part 5: Bridge and gantry cranes, including portal and semi-portal cranes and their supporting structures - 9/1/2016, $62.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 24517-2, Document management - Engineering document format using PDF - Part 2: Use of 32000-2 including support for long-term preservation (PDF/E-2) - 11/9/2018, $88.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

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

FIRE SAFETY (TC 92)

ISO/DIS 17755-2, Fire safety - Statistical data collection - Part 2: Definition of terms - 8/31/2016, $62.00

GAS CYLINDERS (TC 58)

ISO/DIS 20475, Gas cylinders - Cylinder bundles - Periodic inspection and testing - 9/4/2016, $53.00

GEOSYNTHETICS (TC 221)

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

HEALTH INFORMATICS (TC 215)

ISO/DIS 11615, Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information - 9/1/2016, $155.00

ISO/DIS 11616, Health informatics - Identification of Medicinal Products - Data elements and structures for unique identification and exchange of regulated pharmaceutical product information - 9/1/2016, $102.00

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

ISO/DIS 35103, Petroleum and natural gas industries - Arctic operations - Environmental monitoring - 10/29/2016, $93.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 16079-1, Condition monitoring and diagnostics of wind turbines - Part 1: General guidelines - 10/30/2016, $82.00

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

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 10936-1, Optics and photonics - Operation microscopes - Part 1: Requirements and test methods - 9/3/2016, $33.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 6270-1, Paints and varnishes - Determination of resistance to humidity - Part 1: Condensation (single-sided exposure) - 9/3/2016, $40.00

ISO/DIS 6270-2, Paints and varnishes - Determination of resistance to humidity - Part 2: Condensation (in-cabinet exposure) - 9/3/2016, $46.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 5165, Petroleum products - Determination of the ignition quality of diesel fuels - Cetane engine method - 10/27/2016, $71.00

ROLLING BEARINGS (TC 4)

ISO/DIS 20056-1, Rolling bearings - Load ratings for hybrid bearings with rolling elements made of ceramic - Part 1: Dynamic load ratings - 9/2/2016, $62.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37154, Smart community infrastructures - Best practice guidelines for transportation - 10/27/2016, $82.00

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/DIS 15612, Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure specification - 8/31/2016, $33.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 20246, Software and Systems Engineering - Work Product Reviews - 9/1/2016, $107.00

ISO/IEC DIS 19770-1, Information technology - IT asset management - Part 1: IT asset management systems - Requirements - 10/30/2016, $107.00

IEC Standards

3/1265/CDV, IEC 60445 Ed. 6.0: Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors, 11/04/2016

18A/398/CDV, IEC 60092-376: Electrical installations in ships - Part 376: Cables for control and instrumentation circuits 150/250 V (300 V), 11/04/2016

22E/175/FDIS, IEC 61204-7 Ed.2: Low-voltage switch mode power supplies - Part 7: Safety requirements, 09/23/2016

33/589/CDV, IEC 61921/Ed2: Power capacitors: Low-voltage power factor correction banks, 11/04/2016

40/2478/CD, IEC 61051-1 Ed.3: Varistors for use in electronic equipment - Part 1: Generic specification, 11/04/2016

46/615/FDIS, IEC 62153-4-16 Ed.1: Metallic communication cable test methods - Part 4-16: Electromagnetic compatibility (EMC) - Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up, 09/23/2016

57/1764/DC, Draft IEC TR 62351-90-1, Power systems management and associated information exchange - Data and communications security - Part 90-1: Guidelines for Handling Role-based Access Control in Power Systems, 10/07/2016

77/525A/DTR, IEC TR 61000-2-5: Electromagnetic Compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments, 09/30/2016

80/816/FDIS, IEC 62940 Ed.1: Maritime navigation and radiocommunication equipment and systems - Integrated communication system (ICS) - Operational and performance requirements, methods of testing and required test results, 09/23/2016

80/817/FDIS, IEC 62320-2 Ed.2: Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 2: AIS AtoN Stations - Operational and performance requirements, methods of testing and required test results, 09/23/2016

86A/1737/CDV, IEC 60793-1-60/Ed1: Optical fibres - Part 1-60: Measurement methods and test procedures - Beat length, 11/04/2016

86A/1739/CDV, IEC 60793-1-61/Ed1: Optical fibres - Part 1-61: Measurement methods and test procedures - Polarization crosstalk, 11/04/2016

86A/1741/CDV, IEC 60793-2-70/Ed1: Optical fibre - Part 2-70: Product specifications - Sectional specifications for polarization-maintaining fibres, 11/04/2016

86A/1743/CDV, IEC 60794-1-22/Ed2: Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods, 11/04/2016

86A/1745/CDV, IEC 60794-1-23/Ed2: Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods, 11/04/2016

91/1389/CD, Amendment 1 to IEC 60068-2-58 Ed.4: Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD), 10/07/2016

96/452/CDV, IEC 62041 Ed.3: Transformers, reactors, power supply units, and combinations thereof - EMC requirements, 11/04/2016

101/519/CD, IEC 61340-4-4 Ed.3: Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC), 10/07/2016

109/151B/CD, IEC/TS 62993 Ed.1: Guidance for determination of clearances; creepage distances and requirements for solid insulation for equipment with a rated voltage above 1 000 V a.c. and 1 500 V d.c. up to 2 000 V a.c. and 3 000 V d.c., 09/16/2016

109/153/FDIS, IEC 60664-3 Ed.3: Insulation coordination for equipment within low-voltage systems - Part 3: Use of coating, potting or moulding for protection against pollution, 09/23/2016

110/785/NP, Future IEC 61747-30-6 Ed.1: Liquid crystal display devices - Part 30-6: Measuring methods of optical performance for liquid crystal display modules under ambient illumination, 10/07/2016

110/786/NP, Future IEC 62679-2: Electronic Paper Display - Part 2: Essential Ratings and Characteristics, 10/07/2016

110/787/NP, Future 62908-12-20 Ed.1: Touch and interactive displays - Part 12-20: Measuring methods of touch displays?Multi-touch performance, 10/07/2016

113/331/NP, IEC 62876-3-1 Nanomanufacturing - Reliability assessment - Part 3.1: Graphene - Stability test: Temperature and humidity, 11/04/2016

CIS/H/313/DTR, Amendment 1 to CISPR 16-4-4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-4: Uncertainties, statistics and limit modelling - Statistics of complaints and a model for the calculation of limits for the protection of radio services, 10/07/2016

C/1979A/DV, Draft IEC Guide 118 Edition 1; Inclusion of energy efficiency aspects in electrotechnical publications. NOTE This document is to be read in conjunction with C/1980A/DV - CORRIGENDUM: The target date for voting/commenting is 16 weeks namely before 2016-11-26, 12/09/2016

C/1980A/DV, Draft IEC Guide 119 Edition 1, Preparation of energy efficiency publications and the use of basic energy efficiency publications and group energy efficiency publications - NOTE This document is to be read in conjunction with C/1979A/DV - CORRIGENDUM: The target date for voting/commenting is 16 weeks by 2016-11-26, 12/09/2016

CABPUB/133/DC, Systematic Review of ISO/IEC 17021-4:2013, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 4: Competence requirements for auditing and certification of event sustainability management systems: document for comments, 12/30/2016

CABPUB/134/DC, Systematic Review of ISO/IEC 17023:2013, Conformity assessment - Guidelines for determining the duration of management system certification audits: document for comments, 12/30/2016

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 8168:2016, Aerospace - Bolts, with MJ threads, made of heat and corrosion resisting steel, strength class 1 100 MPa - Procurement specification, $149.00

ISO 20683-1:2016, Aircraft ground equipment - Nose gear towbarless towing vehicle (TLTV) - Design, testing and maintenance requirements - Part 1: Main line aircraft, $149.00

ISO 20683-2:2016, Aircraft ground equipment - Design, testing and maintenance requirements for nose gear towbarless towing vehicle (TLTV) - Part 2: Regional aircraft, $123.00

CRANES (TC 96)

ISO 12480-3:2016, Cranes - Safe use - Part 3: Tower cranes, $173.00

GEOTECHNICS (TC 182)

ISO 22476-15:2016, Geotechnical investigation and testing - Field testing - Part 15: Measuring while drilling, $149.00

IMPLANTS FOR SURGERY (TC 150)

ISO 7207-2/Amd1:2016, Implants for surgery - Components for partial and total knee joint prostheses - Part 2: Articulating surfaces made of metal, ceramic and plastics materials - Amendment 1, $22.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-7:2016, Industrial trucks - Verification of stability - Part 7: Bidirectional and multidirectional trucks, $123.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 6508-1:2016, Metallic materials - Rockwell hardness test - Part 1: Test method, $173.00

PLASTICS (TC 61)

ISO 18830:2016, Plastics - Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sandy sediment interface - Method by measuring the oxygen demand in closed respirometer, $88.00

ROAD VEHICLES (TC 22)

ISO 12619-4:2016, Road vehicles - Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blends fuel system components - Part 4: Check valve, $51.00

ISO 12619-5:2016, Road vehicles - Compressed gaseous hydrogen (CGH2) and hydrogen/natural gas blends fuel system components - Part 5: Manual cylinder valve, $51.00

SCREW THREADS (TC 1)

ISO 2902:2016, ISO metric trapezoidal screw threads - General plan, $51.00

ISO 2903:2016, ISO metric trapezoidal screw threads - Tolerances, $123.00

SMALL TOOLS (TC 29)

ISO 866:2016, Centre drills for centre holes without protecting chamfers - Type A, $51.00

ISO Technical Reports

IMPLANTS FOR SURGERY (TC 150)

ISO/TR 19024:2016, Evaluation of CPB devices relative to their capabilities of reducing the transmission of gaseous microemboli (GME) to a patient during cardiopulmonary bypass, $88.00

ISO Technical Specifications

ERGONOMICS (TC 159)

ISO/TS 21144:2016, Ergonomics of human-system interaction - Electronic paper display - Indoor use, $123.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/TS 19115-3:2016, Geographic information - Metadata - Part 3: XML schema implementation for fundamental concepts, $240.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 24734/Cor1:2016, Information technology - Office equipment - Method for measuring digital printing productivity - Corrigendum, FREE

ISO/IEC 19794-14/Amd1:2016, Information technology - Biometric data interchange formats - Part 14: DNA data - Amendment 1: Conformance testing and clarification of defects, $265.00

ISO/IEC 18745-2:2016, Information technology - Test methods for machine readable travel documents (MRTD) and associated devices - Part 2: Test methods for the contactless interface, $200.00

ISO/IEC TS 17961/Cor1:2016, Information technology - Programming languages, their environments and system software interfaces - C secure coding rules - Corrigendum, FREE

ISO/IEC TS 18661-5:2016, Information Technology - Programming languages, their environments, and system software interfaces - Floating-point extensions for C - Part 5: Supplementary attributes, $149.00

IEC Standards

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

IEC 60708 Ed. 1.0 b cor.1:2016, Corrigendum 1 - Low-frequency cables with polyolefin insulation and moisture barrier polyolefin sheath, $0.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60384-4 Ed. 5.0 b:2016, Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Fixed aluminium electrolytic capacitors with solid (MnO₂) and non-solid electrolyte, $278.00

DEPENDABILITY (TC 56)

IEC 61078 Ed. 3.0 b:2016, Reliability block diagrams, $387.00

IEC 61703 Ed. 2.0 b:2016, Mathematical expressions for reliability, availability, maintainability and maintenance support terms, $363.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 60269-4 Ed. 5.2 b:2016, Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, $424.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-46 Ed. 3.0 b:2016, Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables, $182.00

S+ IEC 60601-2-46 Ed. 3.0 en:2016 (Redline version), Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables, $218.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-6-1 Ed. 3.0 b:2016, Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments, $121.00

IEC 61000-6-2 Ed. 3.0 b:2016, Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments, $121.00

S+ IEC 61000-6-1 Ed. 3.0 en:2016 (Redline version), Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments, $156.00

S+ IEC 61000-6-2 Ed. 3.0 en:2016 (Redline version), Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments, $156.00

FUSES (TC 32)

IEC 60691 Ed. 4.0 b cor.1:2016, Corrigendum 1 - Thermal-links - Requirements and application guide, $0.00

IEC 60269-4 Amd.2 Ed. 5.0 b:2016, Amendment 2 - Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, $24.00

OTHER

CISPR 14-1 Ed. 6.0 b:2016, Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, $363.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61968-6 Ed. 1.0 b:2015, Application integration at electric utilities - System interfaces for distribution management - Part 6: Interfaces for maintenance and construction, $399.00

IEC 61968-8 Ed. 1.0 b:2015, Application integration at electric utilities - System interfaces for distribution management - Part 8: Interfaces for customer operations, $303.00

IEC 62325-451-2 Ed. 1.0 b cor.1:2016, Corrigendum 1 - Framework for energy market communications - Part 451-2: Scheduling business process and contextual model for CIM European market, $0.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC 60204-SER Ed. 1.0 b:2016, Safety of machinery - Electrical equipment of machines - ALL PARTS, $1714.00

IEC Technical Reports

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC/TR 62351-13 Ed. 1.0 en:2016, Power systems management and associated information exchange - Data and communications security - Part 13: Guidelines on security topics to be covered in standards and specifications, $230.00

IEC Technical Specifications

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

IEC/TS 62666 Ed. 2.0 en:2016, Guidelines for the inclusion of documentation aspects in product standards, $206.00

MARINE ENERGY - WAVE, TIDAL AND OTHER WATER CURRENT CONVERTERS (TC 114)

IEC/TS 62600-2 Ed. 1.0 en:2016, Marine energy - Wave, tidal and other water current converters - Part 2: Design requirements for marine energy systems, $363.00

IEC/TS 62600-102 Ed. 1.0 en:2016, Marine energy - Wave, tidal and other water current converters - Part 102: Wave energy converter power performance assessment at a second location using measured assessment data, $230.00

PROCESS MANAGEMENT FOR AVIONICS (TC 107)

IEC/TS 62668-2 Ed. 2.0 en:2016, Process management for avionics - Counterfeit prevention - Part 2: Managing electronic components from non-franchised sources, $278.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC/TS 60204-34 Ed. 1.0 en:2016, Safety of machinery - Electrical equipment of machines - Part 34: Requirements for machine tools, $254.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC/TS 61400-26-3 Ed. 1.0 en:2016, Wind energy generation systems - Part 26-3: Availability for wind power stations, $375.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

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 its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

  This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

  This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

  This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

  o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

  This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

  This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

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

Application for Accreditation

Parenteral Drug Association (PDA)

Comment Deadline: September 19, 2016

The Parenteral Drug Association (PDA), a new ANSI member in 2016, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting PDA-sponsored American National Standards. PDA's proposed scope of standards activity is as follows:

> Pharmaceutical and biopharmaceutical product development and manufacturing practice standards in aseptic processing and sterile manufacturing, manufacturing techniques and technologies, analytical techniques and technologies, quality management and quality systems, regulatory science and GMP and GDP compliance, manufacturing systems (continuous manufacturing, single use systems, automation and robotics, use and integration of electronic data hardware and software to control and document processes), pharmaceutical and biopharmaceutical product categories [combination products (drug/device delivery systems), biologics, biosimilars, gene and cell therapy, and precision/personalized medicine], and supply chain integrity (cold chain, track and trace/serialization, pedigree).

To obtain a copy of PDA's application and proposed operating procedures or to offer comments, please contact: Mr. Joshua E. Eaton, PMP, Sr. Project Manager, Scientific and Regulatory Affairs, Parenteral Drug Association, Bethesda Towers, Suite 600, 4350 East-West Highway, Bethesda, MD 20814; phone: 301.656.5900, ext. 112; e-mail: eaton@pda.org. Please submit any comments to PDA by September 19, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of PDA's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Reaccreditation

Cameron-Cole LLC

Comment Deadline: September 19, 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Cameron-Cole, LLC
Chris Lawless
50 Hegenberger Loop
Oakland, CA 94621
Phone: 510-777-1858
E-mail: clawless@cameron-cole.com

On August 10, 2016, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted Cameron-Cole, LLC reaccreditation for the following:

Scopes:

Verification of assertions related to GHG emissions and removals at the organizational level:

01. General
02. Manufacturing
03. Power Generation
04. Electric Power Transactions
05. Mining and Mineral Production
07. Chemical Production
08. Oil and gas extraction, production and refining including petrochemicals
09. Waste

Please send your comments by September 19, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

The Standards Institution of Israel

Comment Deadline: September 19, 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

The Standards Institution of Israel
Eli Cohen-Kagan
42 Chaim Levanon St.
Tel-Aviv 69977, Israel
Phone: 972-3-6465194
E-mail: kagan@sii.org.il

On August 10, 2016, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted The Standards Institution of Israel reaccreditation for the following:

Scopes

Verification of assertions related to GHG emissions and removals at the organizational level:

01. General

02. Manufacturing

Verification of assertions related to GHG emission reductions and removals at the project level

01. GHG emission reductions from fuel combustion

Please send your comments by September 19, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

Scope Extension

Lloyd's Register Quality Assurance, Inc.

Comment Deadline: September 19, 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Lloyd's Register Quality Assurance, Inc.
Derek Markolf
1330 Enclave Parkway, Suite 200
Houston, TX 77077
Phone: 213-814-9504
E-mail: derek.markolf@lrqa.com

On August 10, 2016, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted Lloyd's Register Quality Assurance, Inc. an extension of its scope of accreditation to include the following:

Scopes

Verification of assertions related to GHG emissions and removals at the organizational level:

09. Waste

Please send your comments by September 19, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

Withdrawal (Voluntary)

ICF Consulting Canada, Inc.

Comment Deadline: September 19. 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

ICF Consulting Canada, Inc.
Julie Tartt
277 Wellington Street West, Suite 808
Toronto, ON M5V 3E4, Canada
Phone: 416-341-0990
E-mail: julie.tartt@icfi.com

On June 29, 2016, the ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies accepted a request from ICF Consulting Canada, Inc. to voluntarily withdraw its accreditation for the following:

Scopes

Verification of assertions related to GHG emissions and removals at the organizational level:

01. General

03. Power Generation

08. Oil and gas extraction, production and refining including petrochemicals

Please send your comments by September 19, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Request for Deletion of Scope Extension

Curtis-Strauss, LLC

Comment Deadline: September 19, 2016

Mr. Tadas Stukas - Quality & HSE Manager
Curtis-Straus, LLC
One Distribution Center Circle, Suite #1
Littleton, MA 01460
Phone: 978-486-8880
Fax: 978-486-8828
E-mail: tadas.stukas@us.bureauveritas.com
Web: www.curtis-straus.com

Effective August 1, 2016, Curtis-Straus, LLC, an ANSI-accredited certification body, requested the deletion of its request for the following scope extension category:

- BV Taiwan's ISO/IEC 17025 scope (See Page 30)

Please send your comments by September 19, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certification Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Voluntary Withdrawal

Eurofins Certification

Comment Deadline: September 19. 2016

Mr. Gary Smith
Director – Food Safety Systems
US Food Division
Eurofins Certification
Address (France): 9, Avenue de la Laponie, Z.I. de Courtaboeuf
F- 91978 Les Ulis Cedex, France
Address (USA): 2200 Rittenhouse Street, Suite 175
Des Moines, IA 50321
Phone: 515-265-1461
Fax: 515.266.5453
E-mail: GarySmith@eurofinsUS.com
Website: www.eurofinsus.com

On August 12, 2016, Eurofins Certification requested a voluntary withdrawal for the following:

SQF Code 7.2 Edition, July 2014

Module 02: SQF System elements

Module 09: Food Safety Fundamentals – GMP for pre-processing of animal products

Module 10: Food Safety Fundamentals – GMP for pre-processing of plant products

Module 11: Food Safety Fundamentals – GMP for processing of food products

Module 12: Food Safety Fundamentals – GDP for transport and distribution of food Products

Please send your comments by September 19, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certification Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization

Establishment of ISO Subcommittee

ISO/TC 20/SC 18 – Materials

ISO/TC 20 – Aircraft and space vehicles has created a new ISO Subcommittee on Materials (ISO/TC 20/SC 18) The Secretariat has been assigned to France (AFNOR).

ISO/TC 20/SC 18 operates under the following scope:

Standardization of materials and related processes (e.g. : surface treatment/coating, defects in composites...) used by aircraft and engine manufacturers,

- Excluded materials: ISO/TC 35 Paints and varnishes, ISO/TC 17 Steel, ISO/TC 25 Cast irons and pig irons, ISO/TC 26 Copper and copper alloys, ISO/TC 45 Rubber and rubber products, ISO/TC 79 Light metals and their alloys, ISO/TC 155 Nickel and nickel alloys, ISO/TC 206 Fine ceramics...,

- Excluded processes: ISO/TC 44/WG 4 Welding and brazing in aerospace, ISO/TC 107 Metallic and other inorganic coatings, ISO/TC 156 Corrosion of metals and alloys, ISO/TC 244 Industrial furnaces and associated processing equipment, ISO/TC 261 Additive manufacturing.

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

ISO Proposal for a New Field of ISO Technical Activity

Exhibitions, Events and Conventions

Comment Deadline: October 7, 2016

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

Standardization of exhibitions (trade shows, trade fairs), events and conventions (conferences, congresses, meetings, forums, seminars), including terminology, classification, statistics, information system, safety control, service and personnel requirements, and sustainability management.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 7, 2016.

Remanufacturing Technology

Comment Deadline: September 2, 2016

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

Standardization and coordination of remanufacturing technology, including remanufacturing terminology standards and generic technology standards for remanufacturing processes, such as dismantling, cleaning, inspection, coating preparation, forming processing and assembly. The scope of the new TC does not include the relevant areas of TC 127 and TC 67/SC4.

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, September 2, 2016.

New Work Item Proposal

Wheeled Child Conveyances

Comment Deadline: August 26, 2016

AFNOR, the ISO member body for France, and SAC, the ISO member body for China, have jointly submitted to ISO a new work item proposal for the development of an ISO standard on Wheeled Child Conveyances, with the following scope statement:

Standardization deliverable in the field of wheeled child conveyances designed for the carriage of one or more children. It covers safety requirements and test methods.

Excluded: toys, shopping trolleys, baby carriers fitted with wheels, wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

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, August 26, 2016.

U.S. Technical Advisory Group

Withdrawal of Accreditation

U.S. TAG to ISO/PC 248 – Sustainability Criteria for Bioenergy

In accordance with the voting requirements contained in clause A7.6 of the ANSI International Procedures, the ASTM-Administered U.S. Technical Advisory Group to ISO/PC 248, Sustainability criteria for bioenergy has voted to terminate the TAG. Termination of a TAG results in the relinquishment of the TAG's P- (participant) status in the international activity and withdrawal of the TAG's accreditation. These actions are taken, effective August 16, 2016. For additional information, please contact: Mr. Brian Milewski, Manager, ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959; phone: 610.832.9619; e-mail: bmilewski@astm.org.

Meeting Notices

AHRI Standards

Revision of ANSI/AHRI Standard 640-2005, Performance Rating of Commercial and Industrial Humidifiers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on August 29 from 11 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Ted Wayne at twayne@ahrinet.org.

Revision of ANSI/AHRI Standard 1060, Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on August 25 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mikelann Scerbo at mscerbo@ahrinet.org.

ASSE Z359 Meeting

The ANSI/ASSE Z359 Committee for Fall Protection and Fall Arrest will be meeting at Oakton College in Des Plaines, Illinois (Chicago) from November 1st to the 3rd. The main meeting will be held on the 1st and the subgroups will meet the following two days. The meeting schedule will be provided prior to the meeting. If you should have any questions about attendance please contact Tim Fisher with ASSE on behalf of the secretariat.

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, CAE
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
1800 East Oakton Street
Des Plaines, IL 60018
Phone: 847/768-3411
Fax: 847/296-9221
E-mail: TFisher@ASSE.Org

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 180/SC 4 – *Systems - Thermal performance, reliability and durability*

Reply Deadline: September 8, 2016

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 180/SC 4 – *Systems - Thermal performance, reliability and durability*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 180/SC 4 to the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE). ASHRAE has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

Development of standards in the field of Systems – Thermal performance, reliability and durability within the scope of ISO/TC 180:

> *Standardization in the field of solar energy utilization in space and water heating, cooling, industrial process heating and air conditioning.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 180/SC 4. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 180/SC 4 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by **Friday, September 8, 2016**, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

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

Tracking #50i109r1 **Revision to NSF/ANSI 50 – 2015**
 Issue 109, Revision 1 (August 2016)

NSF/ANSI 50 – 2015

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

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-
-

O.12 Accuracy Testing

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-
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Table O.6 Total Alkalinity

DI water mL	Calcium ($CaCl_2$) ppm	Magnesium ($MgCl_2$) ppm	FAC Sodium Hypochlorite (NaOCl) ppm	Temperature °C	pH hydrochloric acid/sodium hydroxide (HCl/NaOH)	Total Alkalinity Sodium Bicarbonate ($NaHCO_3$) ppm	~~Sodium Cyanurate ($C_3N_3Na_3O_3$)~~ Cyanuric Acid ($C_3H_3N_3O_3$) ppm
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	40 ± 10	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	200 ± 20	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	40 ± 10	50 ± 10
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	50 ± 10
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	200 ± 20	50 ± 10
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	40 ± 10	100 ± 20
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	100 ± 20
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	200 ± 20	100 ± 20
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	40 ± 10	200 ± 40
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	200 ± 40
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	200 ± 20	200 ± 40

NOTE – A high FAC will skew TA results.

NOTE – Varying the CYA level will help indicate impact of CYA on TA testing.

Table O.7 Cyanuric Acid

DI water mL	Calcium ($CaCl_2$)	Magnesium ($MgCl_2$) ppm	FAC Sodium Hypochlorite (NaOCl) ppm	Temperature °C	pH hydrochloric acid/sodium hydroxide (HCl/NaOH)	Total Alkalinity Sodium Bicarbonate ($NaHCO_3$) ppm	~~Sodium Cyanurate ($C_3N_3Na_3O_3$)~~ Cyanuric Acid ($C_3H_3N_3O_3$) ppm
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	30 ± 5
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	50 ± 10
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	100 ± 20
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	200 ± 40
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	30 ± 5
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	50 ± 10
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	100 ± 20
1000	220 ± 30	80 ± 10	2.0 ± 0.2	39 ± 1	7.4 ± 0.1	100 ± 10	200 ± 40
NOTE – When testing CYA level results in greater than 80 ppm, perform a 2nd test with 1:1 dilution with DI or tap water, read result and multiply by 2 to verify level.							

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-
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Table O.9 Salinity Testing

DI water mL	Calcium ($CaCl_2$) ppm	Magnesium ($MgCl_2$) ppm	FAC Sodium Hypochlorite (NaOCl) ppm	Temperature °C	pH hydrochloric acid/sodium hydroxide (HCl/NaOH)	Total Alkalinity Sodium Bicarbonate ($NaHCO_3$) ppm	Sodium Chloride (NaCl) ppm	~~Sodium Cyanurate ($C_3N_3Na_3O_3$)~~ Cyanuric Acid ($C_3H_3N_3O_3$) ppm
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	1500 ± 150	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	3000 ± 300	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	3500 ± 350	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	4500 ± 450	0.0
1000	220 ± 30	80 ± 10	2.0 ± 0.2	27 ± 1	7.4 ± 0.1	100 ± 10	6500 ± 650	0.0
NOTE – Outdoor pools may use or have CYA, most spas do not. CYA may read via desiccation method, but not via conductivity meter.								

BSR/UL 283, Standard for Air Fresheners and Deodorizers

1. STP-1 supply cords for lightweight products

PROPOSAL

Table 11.1

Cords for appliances

Appliance	Type of cord	Length, m (ft)
1. Motor-operated appliance type not intended to rest directly on floor when in use.	SP-1, SPT-1	1.5 - 3.0 (5 - 10)
2. Motor-operated appliance type that rests directly on floor when in use.	SP-2, SPT-2	1.5 - 3.0 (5 - 10)
3. Portable appliance employing a general-use convenience receptacle	SJ, SJE, SJO, SJT, SJTO, or equivalent	0.5 - 7.6 (1.5 - 25)
4. Counter-top or table-top heater type appliance intended for household use.	HPD, HPN, HSJ, HSJO, SP-2, SPE-2, SPT-2, SV, SVO, SVE, SVOO, SVT, SVTO, SVTOO, SJ, SJO, SJE, SJOO, SJT, SJTO, or SJTOO [b]	0.6 - 2.1 (2.0 - 7.0) [a]
5. All heater-type appliances not covered from above.	[See item 4]	1.8 (6.0)

[a] See 72.2.2 when cord length is less than 1.4 m (4.5 ft).

[b] SP-1 or SPT-1 permitted for appliances weighing 227 g (0.5 lbs) or less.

2. Revision to increase the allowed temperature of hot liquids

PROPOSAL

34.6 Hot liquids

34.6.1 The maximum temperature of a liquid in a heating-type appliance is to be measured using thermocouples in accordance with the Temperature Test, Section 40, and shall not exceed 65°C (149°F) during normal use. If the liquid temperature exceeds 65°C (149°F), then a locking-type lid is required to keep the heated liquid from spilling if the appliance is tipped over. See the Tip-Over Test, Section 52.

Exception: If the liquid capacity of the reservoir is less than 5 ounces and the liquid consumable contains a carrier medium (for example, wax) in which the total concentration of fragrance oil or gel is no greater than 30 percent by volume of the entire content of the consumable, a temperature of not more than ~~75°C (167°F)~~ 95°C (203°F) is permitted without a locking lid.

34.6.2 When a locking-type lid is required, it shall be non-detachable, and require two separate and distinct motions to open.

BSR/UL 555, Standard for Fire Dampers

1. The Long Term Holding Test

(NEW)

13A Long Term Holding Test

13A.1 This test is intended to measure the ability of an actuator to return to its resting (non-powered) position after being held in a nominal (powered) position for six months.

13A.2 When tested as specified in 13A.3 – 13A.10, all actuators are to return to their resting position within the time specified by the manufacturer.

13A.3 A sample set is to consist of 10 actuators of the same design family.

13A.4 Each actuator in the sample set shall be tested in an environment at a temperature between 77°F ±27°F (25°C ±15°C).

13A.5 Each actuator in the sample set shall be positioned to represent mounting to a horizontal damper shaft.

13A.6 At the beginning of the test, each actuator in the sample set shall have no applied external load.

Exception: Actuators with external springs shall be adjusted so that the minimum spring force specified by the manufacturer is applied to the actuator.

13A.7 Each actuator in the sample set shall be powered as specified in Table 13A.1, at the rated frequency.

Table 13A.1

Electrically powered actuators

Voltage rating of actuator	Applied voltage
V	V
23 - 25	24
110 - 120	120

220 - 240	240
254 - 277	277
440 - 480	480
550 - 600	600

13A.8 The applied pressure to a pneumatic powered actuator shall be a minimum of 10% above the rated pressure specified by the manufacturer.

13A.9 Each actuator in the sample set shall be powered, without interruption, for a minimum period of 4320 hours (6 months).

13A.10 Upon removing power from the actuators, observe and record the time required for each actuator to return to within ±0.12 inch (3 mm) of its resting position for linear actuator and within ±3° of its resting position for rotary actuators. All actuators must return to the resting position within their rated time.

2. Temperature range expansion for Dynamic Closure Test

14.2.3 All airflow measurements are to be taken at ambient conditions and the tests are to be conducted at an ambient temperature between ~~50°~~32°F (~~10~~°C) and ~~104°~~120°F (~~40°~~ 49°C) prior to introduction of heat into the system.

BSR/UL 555C, Standard for Ceiling Dampers

1. The Long Term Holding Test

(NEW)

9A Long Term Holding Test

9A.1 This test is intended to measure the ability of an actuator to return to its resting (non-powered) position after being held in a nominal (powered) position for six months.

9A.2 When tested as specified in 9A.3 - 9A.10, all actuators are to return to their resting position within the time specified by the manufacturer.

9A.3 A sample set is to consist of 10 actuators of the same design family.

9A.4 Each actuator in the sample set shall be tested in an environment at a temperature between 77°F ±27°F (25°C ±15°C).

9A.5 Each actuator in the sample set shall be positioned to represent mounting to a horizontal damper shaft.

9A.6 At the beginning of the test, each actuator in the sample set shall have no applied external load.

Exception: Actuators with external springs shall be adjusted so that the minimum spring force specified by the manufacturer is applied to the actuator.

9A.7 Each actuator in the sample set shall be powered as specified in Table 9A.1, at the rated frequency.

Table 9A.1

Electrically powered actuators

Voltage rating of actuator	Applied voltage

V	V
23 - 25	24
110 - 120	120
220 - 240	240
254 - 277	277
440 - 480	480
550 - 600	600

9A.8 The applied pressure to a pneumatic powered actuator shall be a minimum of 10% above the rated pressure specified by the manufacturer.

9A.9 Each actuator in the sample set shall be powered, without interruption, for a minimum period of 4320 hours (6 months).

9A.10 Upon removing power from the actuators, observe and record the time required for each actuator to return to within ±12 inch (3 mm) of its resting position for linear actuator and within ±3° of its resting position for rotary actuators. All actuators must return to the resting position within their rated time.

BSR/UL 555S, Standard for Smoke Dampers

7.2 In addition, two dampers, consisting of the largest (except as noted in the next sentence) and smallest sizes, are to be subjected to the salt-spray exposure tests. For the salt spray exposure testing, the overall size of the sample used including the actuator is not to exceed 42 inches high by 46 inches wide (1.07 m by 1.15 m) for vertical ~~fire~~ dampers and 46 inches long by 28 inches wide (1.15 m by 0.71 m) for horizontal dampers.

11.1.1 Under conditions of maximum specified air velocity, smoke dampers, corridor dampers, and combination fire and smoke dampers (including any actuators) shall function without damage to the dampers or their components and shall completely close and open under the conditions described herein. The test pressure difference created in the closed position is to be recorded and shall be not less than that specified in Table 11.1 and Table 16.1. The dampers are to be tested using the air flow measuring equipment, instruments, apparatus, and setups specified in the Air Movement and Control Association International, Inc. (AMCA) Laboratory Methods of Testing Dampers for Rating, AMCA 500-D. The tests are to be conducted at an ambient temperature between 32 - 120°F (0 - 49°C) prior to introduction of heat into the system.

BSR/UL 558, Standard for Industrial Trucks, Internal Combustion Engine-Powered

1. Wiring and cable exposure to fuel drippage

PROPOSAL

8.5 Wiring and cables shall not be located such to allow exposure to drippage of fuel (G and D only), oil, or grease, and shall not be supported on oil- or grease-retaining surfaces.

2. Overcurrent protection devices

PROPOSAL

8.7 Each lighting-device, warning-device, or other auxiliary circuits shall be protected by a fuse or a circuit breaker of the size necessary to reduce the likelihood of overheating of the smallest conductor in the circuit. A fuse conforming with the Standard for Electric Fuses, ANSI/SAE J554, the applicable parts of the UL 248 series of standards, the Standard for Automotive Glass Tube Fuses, UL 275 or the Outline of Investigation for Automotive Blade Type Fuses, UL 275A shall be considered acceptable. A circuit breaker conforming to the Standard for Circuit Breakers, ANSI/SAE J553 or the Standard for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures, UL 489, shall be considered acceptable. Overcurrent protection conforming to the Overcurrent Protection Section in the Standard for Safety for Electric-Battery-Powered Industrial Trucks, UL 583, shall be considered acceptable.

3. Electrical system protection

PROPOSAL

13.2 Wiring terminals shall be protected by insulating boots or covers, unless they are intentionally connected to ground on the truck frame when the truck is in operating condition. For electric drivetrain component and bus bar protection, refer to the sections covering General, Electric Controls, Spacings, and Separation of Circuits under Type E Trucks in the Standard For Safety For Electric-Battery-Powered Industrial Trucks, UL 583.

4. Sparking component enclosure requirement

PROPOSAL

13.7 Those portions of a component such as an alternator, motor, switch, relay, contactor, etc., which emit sparks shall be totally enclosed.

5. Manual disconnect switch

PROPOSAL

13.9 A manual-disconnect switch readily accessible to the operator when in his normal operating position shall be installed in the battery and charging circuits to permit quick disconnect in case of an electrical disturbance.

Exception: Pilot signal to the disconnect switch is permitted.

29 ~~Manual-Disconnect Switches~~ Electrical Power Disconnect Device

29.1 A manually activated disconnect ~~switch~~ device shall be designed to ~~manually~~ disconnect the ~~battery~~ electrical power source from the rest of the vehicle. ~~electrical circuit and/or disconnect the field circuit of a generator or alternator.~~ When activated, the creation and delivery of electrical energy to the vehicle is not possible.

BSR/UL 1082, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances

PROPOSAL

Proposed Change to the Instruction Manual for Household Electric Drip-Type Coffee Makers and other Similar Drip-Type Brewing Appliances, New SA24.1.1

SA24.1.1 For an appliance provided with a display clock, SA24.1, Item 5, shall instead state the following or the equivalent: "Unplug from outlet when either the appliance or display clock is not in use, and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance."

BSR/UL 1640, Standard for Portable Power-Distribution Equipment

1. Revision of the Scope of UL 1640

PROPOSAL

1.3 These requirements do not cover portable power-distribution equipment:

a) Intended to be mounted above or adjacent to the lighting unit it supplies. ~~Reference~~ These devices are covered by the Standard for Stage and Studio Luminaires and Connector Strips, UL 1573.

b) Intended to be connected to the load side of branch circuits, such as:

1) Relocatable power taps. ~~Reference~~ These devices are covered by the Standard for Relocatable Power Taps, UL 1363;

2) Cord sets. ~~Reference~~ These devices are covered by the Standard for Cord Sets and Power-Supply Cords, UL 817;

3) Convention-center Cord Sets. ~~Reference~~ These devices are covered by the Standard for Exhibition Display Units, Fabrication and Installation, UL 2305; and

4) Current taps. ~~Reference~~ These devices are covered by the Standard for Current Taps and Adapters, UL 498A.

5. Addition of Requirements for the Use of "Weather Resistant" Receptacles for Equipment Rated for Outdoor Use

PROPOSAL

14.2.4 All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles with configurations specified in the “Note” to this paragraph, and used in equipment marked as having a Type 3R enclosure or other Type designation intended for outdoor use, shall be rated as “weather-resistant” type in accordance with the Standard for Attachment Plugs and Receptacles, UL 498.

Note: NEMA configurations that are subject to this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in the Standard for Dimensions of Attachment Plugs and Receptacles, ANSI/NEMA WD 6.

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

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

SUPPLEMENT SF - LED EQUIPMENT WITH WIRED CONTROL CIRCUITS

SF1 Scope

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

SF2 Definitions

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

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

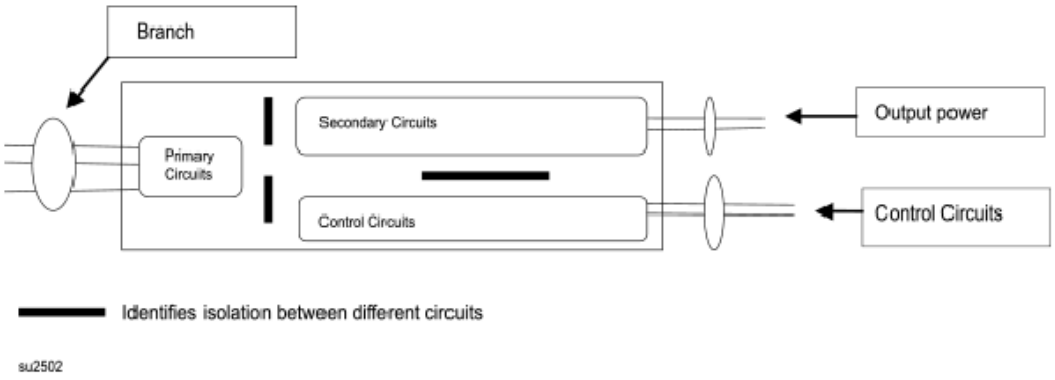
b) A control circuit that is supplied from an external device is a sink, since the source of supply is external to the equipment under test.

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

SF2.3 WIRED CONTROL CIRCUITS - Circuits integral to LED equipment that are intended to remotely manage power, light output characteristics, transmission of operational/performance data, and the like, also identified as control circuits in this supplement (see Figure SF2.1).

Figure SF2.1

Wired Control Circuits



Note: Separation between Primary to Secondary is typical, but not required by this supplement. Availability of this separation affects the minimum separation of circuits requirements as detailed SF3.

SF3 Separation of Circuits

SF3.1 When the control circuit is a sink, it shall be isolated from all other circuits of the LED equipment.

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

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

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

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

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

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

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

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

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

SF4 Control Circuit Lead Wires and Terminals

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

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

SF5 Control Circuit Characteristics

SF5.1 When the control circuit is a source, the characteristics of the supply shall be measured to confirm compliance with circuit characteristics as designated by the manufacturer.

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

SF6 Temperature Test

SF6.1 In performing tests per the Temperature Test, Section 8.3, the control circuit shall be adjusted, as appropriate, for:

a) Maximum input current to the LED equipment, and

b) Maximum input power to the LED equipment.

SF7 Dielectric Voltage Withstand Test

SF7.1 Control circuits are subject to the requirements in Dielectric Voltage Withstand Test, Section 8.6, based on the required isolated circuits identified in SF3.1 and SF3.2.

SF8 Marking

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

a) Terminals or lead wires for control circuits, and

b) The intended industry or proprietary control circuit protocols.

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

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

SF8.3 A Class 2 control circuit that is a source shall comply with the requirements for Class 2 Output Circuits, Section 7.12, and be marked Class 2.

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

SF8.5 LED equipment installation and user guides shall include a description of the intended function of the control circuit and the manufacturer's recommendations for its proper installation and use.