ANSI STANDARDS ACTION

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VOL. 46, #14 *April 3, 2015*

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: May 3, 2015

PGMA (Portable Generator Manufacturers Association)

New Standard

BSR/PGMA G300-201x, Safety and Performance of Portable Generators (new standard)

This standard applies to 15 kW or smaller; single phase; 300 V or lower; 60 hertz; gasoline-, liquefied petroleum gas (LPG)-, and diesel-engine-driven portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. Permanent stationary generators, 50-hertz generators, marine generators, trailer-mounted generators, generators in motor homes, generators intended to be pulled by vehicles, engine-driven welding power sources and portable generators with AC output circuits that are not compatible with NEMA receptacles are not covered.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Joseph Harding, (216) 241-7333 X3008, jharding@thomasamc.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2014c)

(1) Rangehood cord length modification.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 676-201x, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes (revision of ANSI/UL 676-2013)

Proposals regarding requirements for (1) flexible cord and connectors, (2) permitted cord size for low-voltage luminaires, (3) drainage and water entry openings, (4) decelerating unit construction, (5) marking of isolated low voltage luminaires, and (6) submersible luminaires.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2079-201x, Standard for Tests for Fire Resistance of Building Joint Systems (revision of ANSI/UL 2079-2014)

(1) Revision to requirements for TC Modification.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60079-31-201X, Standard for Safety for Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" (Proposal dated 04-03-15) (revision and redesignation of ANSI/ISA 60079-31 (12.10.03)-2013)

This proposal provides revisions to the proposal document dated January 23, 2015 for the Adoption of IEC 60079-31, Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" (second edition, issued by IEC November 2011) as a new IEC-based UL standard, UL 60079-31, to applicable requirements per comments received.

Click here to view these changes in full

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

Comment Deadline: May 18, 2015

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC A-14-201x, Gasoline and Propane Gas Detection Systems (new standard)

These standards are guides for the design, construction, and installation of gasoline and propane gas detection and indicating equipment on boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)

New Standard

BSR/ABYC H-4-201x, Cockpit Drainage Systems (new standard)

This standard is a guide for the definition, design, and construction of cockpit drainage systems on boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)

Revision

BSR/ABYC S-7-201x, Boat Capacity Labels (revision of ANSI/ABYC S-7-2010)

This industry conformity standard establishes methods for the display of capacity information on boats.

Single copy price: $50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

API (American Petroleum Institute)

Reaffirmation

BSR/API STANDARD 613-2002 (R201x), Special Purpose Gear Units for Petroleum, Chemical, and Gas Industry Services (reaffirmation and redesignation of ANSI/API 613-2002 (R201x))

This standard covers the minimum requirements for special-purpose, enclosed, precision single- and double-helical one- and two-stage speed increasers and reducers of parallel-shaft design for petroleum, chemical, and gas industry services. This standard is primarily intended for gear units that are in continuous service without installed spare equipment. Gear sets furnished to this standard shall be considered matched sets.

Single copy price: $165.00

Obtain an electronic copy from: brownd@api.org

Order from: Duane Brown, (202) 682-8190, brownd@api.org; jonesj@api.org

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

ASIS (ASIS International)

New Standard

BSR ASIS INV.1-201X, Investigations Standard (new standard)

This Standard provides guidance for conducting investigations. It provides guidance on establishing investigative programs as well as the conduct of individual investigations, including the competence and evaluation of investigators.

Single copy price: $100.00

Obtain an electronic copy from: standards@asisonline.org

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.4-201x, Pipeline Transportation Systems for Liquids and Slurries (revision of ANSI/ASME B31.4-2009)

This Code prescribes requirements for the design, materials, construction, assembly, inspection, testing, operation, and maintenance of piping transporting-liquids liquid pipeline systems between production fields/facilities, tank farms, above/below-ground storage facilities, natural-gas processing plants, refineries, pump stations, ammonia plants, terminals (marine, rail, and truck), and other delivery and receiving points, as well as pipelines transporting liquids within pump stations, tank farms, and terminals associated with liquid pipeline system. This Code also prescribes requirements for the design, materials, construction, assembly, inspection, testing, operation, and maintenance of piping transporting aqueous slurries of nonhazardous materials such as coal, mineral ores, concentrates, and other solid materials, between a slurry processing plant or terminal and a receiving plant or terminal.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Umberto D'Urso, (212) 591-8535, dursou@asme.org

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-1-302-201x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment; the filler metal specifications; and joint designs for fillet welds, partial-penetration groove welds, full-penetration groove welds with backing, and full-penetration welds that are welded from both sides. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQGIB-010/248.

Single copy price: $124.00

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: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-1-312-201x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment; the filler metal specifications; and joint designs for fillet welds, full-penetration groove welds with backing, and joints welded from both sides. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248.

Single copy price: $124.00

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: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWS (American Welding Society)

Revision

BSR/AWS D17.3/D17.3M-201x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2009)

This specification covers the general requirements for the friction stir welding of aluminum alloys for aerospace applications. It includes the requirements for weldment design; qualification of personnel; and procedures, fabrication, and inspection.

Single copy price: $36.00

Obtain an electronic copy from: anaumann@aws.org

Order from: Andre Naumann, (305) 443-9353, anaumann@aws.org

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

ECIA (Electronic Components Industry Association)

New Standard

BSR/EIA 364-116-201x, Pin Contact Stability Test Procedure for Electrical Connectors (new standard)

This document is intended to develop a test standard used in military standards not presently covered by an EIA-364 Test Procedure addressing stability of a contact pin within an electrical connector.

Single copy price: $70.00

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

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

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

IESNA (Illuminating Engineering Society of North America)

New Standard

BSR/IES LM-80-201x, IES Approved Method for Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules (new standard)

This document describes the procedures by which LEDs are tested for the luminous (or radiant, or photon) flux maintenance or wavelength changes over time when operated under controlled environmental and operational conditions.

Single copy price: $25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Order from: Patricia McGillicuddy, (212) 248-5000, ext 123, pmcgillicuddy@ies.org

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

LEO (Leonardo Academy, Inc.)

New Standard

BSR/LEO 4000-201x, Sustainable Agriculture Standard (new standard)

Establishes a comprehensive framework and common set of environmental, social, and economic metrics by which to determine whether an agricultural crop has been produced and handled in a sustainable manner, from soil preparation and seed planting through production, harvest, post-harvest handling, and distribution for sale. In the future, this standard language will be expanded to include animal production.

Single copy price: Electronic copies of the public-comment draft standard are free. Paper copies of the public-comment draft standard cost $100.00.

Obtain an electronic copy from: agstandard@leonardoacademy.org

Order from: Michael Arny, 8401 Excelsior Drive, Suite 102, Madison, WI 53717 //agstandard@leonardoacademy.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

BSR/ICEA T22-294-201x, Test Procedures for Extended Time-Testing of Wire and Cable Insulations for Service in Wet Locations (new standard)

This publication describes procedures for long term testing of extruded wire and cable insulations for service in wet (submerged) locations. It is intended to apply to insulations rated for service up to 2000 volts inclusive. Tests may be conducted on single- or multiple-wall insulations, using either ac or dc voltage, as applicable.

Single copy price: $80.00

Obtain an electronic copy from: https://standards.nema.org/kws/groups/AN08-PCI-SC/download.php/12631/ICEA%20294%20Final%20for%20Publication.doc

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

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

TIA (Telecommunications Industry Association)

New Standard

BSR/TIA 455-231-201x, FOTP-231 IEC 61315 - Calibration of Fibre-Optic Power Meters (new standard)

This international standard is applicable to instruments measuring radiant power emitted from sources which are typical for the fibre-optic communications industry. The standard describes the calibration of power meters to be performed by calibration laboratories or by power meter manufacturers.

Single copy price: $174.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

New Standard

BSR/TIA 920.110-B-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Handsets (new standard)

This standard establishes audio transmission performance requirements for handset-equipped digital telephones regardless of protocol or digital format. Transmission may be over any digital interface including Local or Wide Area Networks, Universal Serial Bus (USB), Firewire/IEEE Std 1394, public ISDN or digital over twisted-pair wire. This includes TDM-based and packet-based (e.g., VoIP) telephones. These telephones may be connected through modems, voice gateways, wireless access points, or PBXs, or they may be personal-computer-based telephones. This revision will add updated requirements for narrowband (300 to 3400 Hz) telephones with handsets, previously found in ANSI/TIA 810-B, to the existing wideband (150 to 6800 Hz) requirements in TIA 920.110-A, and upgrade the document to ANSI status. It will also include the option of using send and receive levels as a measure of transmission performance instead of the more traditional send and receive loudness ratings. The term “wideband” will be dropped from the document title since the revised standard will cover both wideband and narrowband telephones.

Single copy price: $133.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 568.3-D-201x, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568-C.3-2008)

This Standard is applicable to premises optical-fiber cabling and components. Specified in this Standard are requirements for components, such as cable, connectors, connecting hardware, and cords. Basic connectivity arrangements formed from these components are also defined. Connector test requirements and guidelines for field testing are also incorporated into this Standard.

Single copy price: $146.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

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

Comment Deadline: June 2, 2015

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME PTC 4.3-200x, Air Heaters (new standard)

This Code applies to all air heaters used in industrial application, for example, air heaters servicing steam generators and industrial furnaces. This specifically includes: (a) Combustion gas-to-air heat exchanger including air heaters with multi-section air streams and (b) Air preheater coils utilizing noncondensing (single-phase) steam, water, or other hot fluids. This code does not cover direct-fired air heaters or gas-to-gas heat exchangers. In the latter application, this Code may be used to determine both the thermal and pressure-drop performance while alternate methods of leakage measurement should be agreed upon between the parties. This code also does not cover heat exchangers where the heating fluid is condensed while passing through the heater. Air heaters in parallel shall be tested individually (wherever possible) for purposes of checking standard or design performance.

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)

Reaffirmation

BSR/ASME PTC 19.2-2010 (R201x), Pressure Measurement (reaffirmation of ANSI/ASME PTC 19.2-2010)

The methods for pressure measurement and the protocols used for data transmission are provided in this Supplement. Guidance is given for setting up the instrumentation and determining the uncertainty of the measurement. Information regarding the instrument type, design, applicable pressure range, accuracy, output, and relative cost is provided.

Single copy price: $99.00

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B30.26-201x, Rigging Hardware (revision of ANSI/ASME B30.26-2010)

Volume B30.26 includes provisions that apply to the construction, installation, operation, inspection, and maintenance of detachable rigging hardware used for load-handling activities in conjunction with equipment described in other volumes of the B30 Standard. This hardware includes shackles, links, rings, swivels, turnbuckles, eyebolts, hoist rings, wire rope clips, wedge sockets, rigging blocks, and load-indicating devices. Detachable hardware used in applications other than those detailed in this Volume shall only be used in accordance with the recommendations of the manufacturer or a qualified person.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B36.10M-201x, Welded and Seamless Wrought Steel Pipe (revision of ANSI/ASME B36.10M-2004 (R2010))

This Standard covers the standardization of dimensions of welded and seamless wrought steel pipe for high or low temperatures and pressures.

Single copy price: Free

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

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

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

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.

IAPMO (ASC Z124) (International Association of Plumbing & Mechanical Officials)

ANSI/IAPMO Z124.9-2004, Plastic Urinal Fixtures

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

ANSI/ASME A112.20.1-2004, Qualification of Installers of High Purity Piping Systems

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

ANSI/ASME A112.20.2-2004, Qualification of Installers of Firestop Systems and Devices for Piping Systems

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

ANSI/ASSE 1011-2004, Hose Connection Vacuum Breakers

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

ANSI/ASSE 1014-2005, Performance Requirements for Backflow Prevention Devices for Hand-Held Showers

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

ANSI/ASSE 1020-2004, Pressure Vacuum Breakers Assembly

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

ANSI/ASSE 1024-2004, Dual Check Backflow Preventers

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

ANSI/ASSE 1052-2004, Hose Connection Backflow Preventers

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

ANSI/ASSE 1069-2005, Performance Requirements for Automatic Temperature Control Mixing Valves

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

ANSI/ASSE 1070-2004, Water Temperature Limiting Devices

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.

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Contact: *Bob O'Gorman*
Phone: (607) 756-7775
Fax: (607) 756-0888
E-mail: info@autolift.org; bob@autolift.org

BSR/ALI VSPL-201x, Safety Standard for Vehicle Storage and Parking Lifts (new standard)

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

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Contact: *Conrad Jahrling*
Phone: (708) 995-3017
Fax: (708) 479-6139
E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1003-201x, Performance Requirements for Water (revision of ANSI/ASSE 1003-2010)

BSR/ASSE 1063-201x, Performance Requirements for Air Valve and Vent Inflow Preventers (revision of ANSI/ASSE 1063-2009)

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: *Rachel Porter*
Phone: (202) 626-5741
Fax: 202-638-4922
E-mail: comments@itic.org

INCITS 479-2011/AM 1-201x, Information technology - Fibre Channel - Physical Interface - 5 - Amendment 1 (addenda to INCITS 479-2011)

INCITS 545-201X, Information technology - Fibre Channel - Framing and Signaling - 5. (new standard)

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602
Contact: *Robert O'Neill*
Phone: (703) 281-6613
Fax: (703) 281-6671
E-mail: boneill@mss-hq.org

BSR/MSS SP-135-201x, High Pressure Knife Gate Valves (new standard)

NENA (National Emergency Number Association)

Office: 1700 Diagonal Road
Suite 500
Alexandria, VA 22314
Contact: *Roger Hixson*
Phone: (202) 618-4405
E-mail: rhixson@nena.org

BSR/NENA-STA-021.1-201X, Monitoring and Managing NG9-1-1 (new standard)

BSR/NENA-STA-022.1-201X, NENA Standard for 9-1-1 Reliability (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092
Contact: *Charles Bohanan*
Phone: (770) 209-7276
Fax: (770) 446-6947
E-mail: standards@tappi.org

BSR/TAPPI T 600 om-201x, Analysis of formaldehyde in aqueous solutions and of free formaldehyde in resins (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Contact: *Germaine Palangdao*
Phone: (703) 907-7497
Fax: (703) 907-7727
E-mail: standards@tiaonline.org

BSR/TIA 455-231-201x, FOTP-231 IEC 61315 - Calibration of Fibre-Optic Power Meters (new standard)
Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 568.3-D-201x, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568-C.3-2008)
Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 920.110-B-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Handsets (new standard)
Obtain an electronic copy from: standards@tiaonline.org

Call for Members (ANS Consensus Bodies)

UL Standards Committees

STP 857 (Standards Technical Panel for Busways)

STP 857 seeks to broaden its membership base and is recruiting new participants in the following interest categories:

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

Commercial/Industrial User: Organizations that use the product, systems, or service covered by the Standard UL 857 in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representative of organizations that produce products, systems, or services covered by UL 857, and whose organization also uses the product, system, or services, are not eligible under this interest category.

General Interest: Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by Standard UL 857, and other individuals, etc. that are not covered by the other STP interest categories.

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

Testing and Standards Organization: Organizations that test and/or certify products, services, or systems covered by Standard UL 857, or that develop standards/codes related to the products, services, or systems covered by UL 857.

STP 857 covers the Standard for Safety for Busways, UL 857
Contact:
Derrick L. C. Martin
Underwriters Laboratories Inc.
455 East Trimble Road
San Jose, CA 95131-1230
PHONE: (408) 754-6656
FAX: (408) 754-6656

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.

API (American Petroleum Institute)

New National Adoption

ANSI/API Recommended Practice 2N-2015, Planning, Designing, and Constructing Structures and Pipelines for Arctic Conditions (national adoption with modifications of ISO 19906:2010): 3/30/2015

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

ANSI/ASABE S625-2015, Drawbar Pin Dimensions and Requirements for Towed Equipment (new standard): 3/30/2015

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B94.2-1995 (R2015), Reamers (reaffirmation of ANSI/ASME B94.2-1995 (R2010)): 3/30/2015

ANSI/ASME B94.7-1980 (R2015), Hobs (reaffirmation of ANSI/ASME B94.7-1980 (R2010)): 3/30/2015

ANSI/ASME B94.33-1996 (R2015), Jig Bushings (reaffirmation of ANSI/ASME B94.33-1996 (R2010)): 3/30/2015

ANSI/ASME B94.33.1-1997 (R2015), Jig Bushings (Metric) (reaffirmation of ANSI/ASME B94.33.1-1997 (R2010)): 3/27/2015

ANSI/ASME B94.35-1972 (R2015), Drill Drivers, Split-Sleeve, Collet Type (reaffirmation of ANSI/ASME B94.35-1972 (R2010)): 3/27/2015

ECIA (Electronic Components Industry Association)

New Standard

ANSI/EIA 296-F-2015, Lead Taping of Components in Axial Lead Configuration for Automatic Handling (new standard): 3/27/2015

Reaffirmation

ANSI/EIA 364-69A-2002 (R2015), Low Level Induction Measurement for Electrical Contacts of Electrical Connectors (reaffirmation of ANSI/EIA 364-69A-2002 (R2009)): 3/27/2015

ANSI/EIA 364-85-2014 (R2015), General Test Procedure for Assessing Wear and Mechanical Damage Testing of Contact Finishes for Electrical Connectors (reaffirmation of ANSI/EIA 364-85 -2009): 3/27/2015

ANSI/EIA 364-93-2009 (R2015), Repeated Wire Connection and Disconnection Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (reaffirmation of ANSI/EIA 364-93 -2009): 3/27/2015

ANSI/EIA 364-97-1997 (R2015), Housing Panel Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -97-1997 (R2009)): 3/27/2015

FCI (Fluid Controls Institute)

Revision

ANSI/FCI 70-3-2015, Regulator Seat Leakage (revision of ANSI/FCI 70-3-2004): 3/30/2015

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

New National Adoption

ANSI CGATS 12642-1 (IT8.7/3)-2015, Graphic technology - Input data for characterization of four-colour process printing - Part 1: Initial data set (identical national adoption of ISO 12642-1): 3/30/2015

NSF (NSF International)

Revision

* ANSI/NSF 61-2015 (i120r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2014): 3/29/2015

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 151-2015, Mechanical, Electrical, and Environmental Requirements for RF Traps and Filters (revision of ANSI/SCTE 151 -2008): 3/30/2015

TIA (Telecommunications Industry Association)

New Standard

ANSI/TIA 102.BAJC-A-2015, Project 25 Tier 2 Location Services Specification (new standard): 3/27/2015

Reaffirmation

ANSI/TIA 604-10B-2008 (R2015), FOCIS 10B Fiber Optic Connector Intermateability Standard- Type LC (reaffirmation of ANSI/TIA 604 -10B-2008): 3/30/2015

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 248-14-2005 (R2015), Standard for Safety for Low-Voltage Fuses - Part 14: Supplemental Fuses (reaffirmation of ANSI/UL 248 -14-2005 (R2010)): 3/25/2015

ANSI/UL 248-15-2005 (R2015), Standard for Safety for Low-Voltage Fuses - Part 15: Class T Fuses (reaffirmation of ANSI/UL 248-15 -2005 (R2010)): 3/25/2015

* ANSI/UL 1086-2015, Standard for Safety for Household Trash Compactors (reaffirmation of ANSI/UL 1086-2010b): 3/27/2015

Revision

ANSI/UL 183-2015, Standard for Safety for Manufactured Wiring Systems (revision of ANSI/UL 183-2013): 3/27/2015

ANSI/UL 183-2015a, Standard for Safety for Manufactured Wiring Systems (revision of ANSI/UL 183-2013): 3/27/2015

ANSI/UL 634-2015, Standard for Safety for Connectors and Switches for Use with Burglar-Alarm Systems (revision of ANSI/UL 634-2013): 3/27/2015

* ANSI/UL 1030-2015, Standard for Safety for Sheathed Heating Elements (Proposal dated 2/6/15) (revision of ANSI/UL 1030-2010 (R2014)): 3/31/2015

* ANSI/UL 1082-2015, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 9-26 -14) (revision of ANSI/UL 1082-2011): 3/27/2015

* ANSI/UL 1082-2015a, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 2-6 -15) (revision of ANSI/UL 1082-2011): 3/27/2015

ANSI/UL 1449-2015, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2014): 3/26/2015

* ANSI/UL 2034-2015, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2009): 3/26/2015

* ANSI/UL 2034-2015a, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2009): 3/26/2015

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.

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: *Bob O'Gorman*

Fax: (607) 756-0888

E-mail: info@autolift.org; bob@autolift.org

* BSR/ALI VSPL-201x, Safety Standard for Vehicle Storage and Parking Lifts (new standard)

Stakeholders: All vehicle storage and parking lift manufacturers, municipal authorities having jurisdiction, consumers of vehicle storage and parking lifts.

Project Need: Currently no standard exists to address the electrical and mechanical safety requirements for products of this type. Purchasers and municipal authorities having jurisdiction are operating in a "buyer beware" environment filled with products produced internationally and without regard for generally accepted North American safety requirements.

Automotive vehicle storage lifts wherein the vehicle or vehicles being stored occupy a vertically aligned space above or below the vehicle entry space. The scope does not include lifts wherein the vehicles are horizontally moved to a storage space after vertical positioning by operation of the vehicle or other means.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
Saint Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

* BSR/ASABE S276.8 MONYEAR-201x, Slow moving vehicle identification emblem - Upgrade to Incorporation of 3rd Color and Utilization of Reflectivity in New and Existing Sections (revision and redesignation of ANSI/ASAE S276.7 W/Corr.1 SEP2010 (R2014))

Stakeholders: Manufacturers of SMV emblems, buyers of SMV emblems—both individual users and bulk buyers (retailers), all individual states that adopt ASABE SMV standards, and the law enforcement entities in those states.

Project Need: To avail the users and makers of SMV emblems and also the affected motoring public of some of the recent advances in materials, optical science, and designs that can serve to upgrade multiple aspects of SMV emblems in the interest of greater safety. Modify by changing the fluorescent center orange section to reflective and adding outer fluorescent lime-green strips.

Establishes specifications that define a unique identification emblem, the Slow Moving Vehicle Emblem (SMV Emblem), to be used only for slow-moving machines, when operated or traveling on public roads. Requirements and applications of the standard are defined in the standard. The purpose is to communicate to third parties the slower speed capabilities of the slow-moving vehicle to other vehicles using public roads. Primary application of this SMV emblem will be with implements of husbandry, but may be used with other machines that travel at speeds less than 25 m/h and in combination with a Speed Information Symbol (SIS) on vehicles traveling between 25 and 40 m/h.

BSR/ASABE S641 MONYEAR-201x, Droplet Size Classification of Aerial Application Nozzles (new standard)

Stakeholders: Agricultural application research personnel, aerial spray nozzle manufacturers, agrochemical producers, aerial applicators, regulatory officials.

Project Need: There is a need for a referred standard that speaks to spray droplet size classification of aerially applied sprays using a set of reference nozzle specific to measuring sprays in high velocity airstreams, representative of aerial application aircraft air speeds.

Define droplet spectrum categories for the classification of spray nozzles, relative to specified reference fan nozzles discharging spray into static air or so that no stream of air enhances atomization. The purpose of classification is to provide the nozzle user with droplet size information, primarily to indicate off-site spray drift potential and secondarily for application efficacy, and will redefine measurement setups, reference nozzles, and operational settings specific to high-airspeed aerial spray-nozzle testing.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
Saint Joseph, MI 49085
Contact: *Jean Walsh*
Fax: (269) 429-3852
E-mail: walsh@asabe.org

BSR/ASABE/ISO AD5674-2004 MONYEAR-201x, Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (national adoption of ISO 5674:2004 with modifications and revision of ANSI/ASAE S522.1 JAN2005 (ISO 5674:2004) (R2014))

Stakeholders: Drive shaft, Implement, and Tractor manufacturers; Equipment users.

Project Need: Nationally adopt the most current version of the ISO standard to ensure international harmonization. ISO 5674:2004 was adopted with deviation in Nov. 2004 prior to the publication of a corrected version from ISO 5674:2004 (July 2005). This revision will adopt the corrected version of ISO 5674:2004 and renumber it to the current ASABE format for ISO adoptions.

Specifies laboratory tests for determining the strength and wear resistance of guards for power take-off (PTO) drive-shafts on tractors and machinery used in agriculture and forestry, and their acceptance criteria. It is intended to be used in combination with ASAE S207. It is applicable to the testing of PTO drive-shaft guards and their restraining means. It is not applicable to the testing of guards designed and constructed to be used as steps.

AWS (American Welding Society)

Office: 8669 NW 36th Street
Miami, FL 33166
Contact: *Efram Abrams*
Fax: (305) 443-5951
E-mail: eabrams@aws.org

BSR/AWS D3.9/D3.9M-201X, Specification for the Classification of Weld-Through Paint Primers (revision and redesignation of ANSI/AWS D3.9-2010)

Stakeholders: Marine Construction community.

Project Need: Developments in industry since the 2010 edition was published has created the need for a revision to the standard to be developed.

This standard specifies the requirements for classification of weld-through paint primers only. The paint primers are classified based on the maximum coating thickness for successful welding and the welding procedure used during the classification test. This Standard provides a system for paint manufacturers to classify the weldability features of weld-through primers. This Standard is limited to weld-through paint primers only and does not include galvanized or other types of protective coatings.

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

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Contact: *Conrad Jahrling*
Fax: (708) 479-6139
E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1003-201x, Performance Requirements for Water (revision of ANSI/ASSE 1003-2010)

Stakeholders: Plumbing industry.

Project Need: Revise technical content to reflect current practice and public need.

The purpose of a water-pressure reducing valve for domestic water distribution systems is to reduce static and flowing pressures in water distribution systems. Devices covered by this standard are self-contained, direct-acting, single-diaphragm types. Devices shall be permitted to have an integral strainer, a separate strainer connected to the valve inlet, or be without a strainer. Devices shall be permitted to be with or without an integral by-pass relief valve. Connection pipe sizes shall be ½ NPS, ¾ NPS, 1 NPS, 1¼ NPS, 1½ NPS, 2 NPS, 2½ NPS, and 3 NPS.

BSR/ASSE 1063-201x, Performance Requirements for Air Valve and Vent Inflow Preventers (revision of ANSI/ASSE 1063-2009)

Stakeholders: Plumbing industry.

Project Need: Review technical intent of the standard to reflect public and industry needs. Align with AWWA C514.

Water distribution systems are equipped with air valves and vents to exchange air into pipelines and reservoirs to allow filling and draining, control surges, and maintain flow efficiency. If outlets become flooded or are tampered with, air entry points may become sources of contamination for a water system. The scope of the standard is to control those entry points.

* BSR/ASSE 1070-201x/ASME A112.1070-201x/CSA B125.70-15, Performance requirements for water temperature limiting devices (revision and redesignation of ANSI/ASSE 1070-2004)

Stakeholders: Plumbing industry.

Project Need: Harmonize the requirements between ASSE 1070 and CSA B125.

This standard covers water-temperature-limiting devices intended to limit the hot or tempered water temperature supplied to fittings for fixtures such as sinks, bidets, lavatories, and bathtubs to reduce the risk of scalding.

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: *Rachel Porter*
Fax: 202-638-4922
E-mail: comments@itic.org

INCITS 479-2011/AM 1-201x, Information technology - Fibre Channel - Physical Interface - 5 - Amendment 1 (addenda to INCITS 479 -2011)

Stakeholders: The proposed standard will provide an upward growth path that complements and enhances existing supplier products and support schemes.

Project Need: After the completion of the development of the FC-PI-5 standard, the applicability of Forward Error Correction to improve the bit error rate for existing 16GFC optical variants has been identified.

This project recommends the development of an amendment to INCITS 479-2011, Fibre Channel - Physical Interface - 5 (FC-PI-5) to allow the use of Forward Error Correction on 16GFC optical link variants.

INCITS 545-201X, Information technology - Fibre Channel - Framing and Signaling - 5 (new standard)

Stakeholders: The proposed standard will provide an upward growth path that complements and enhances existing supplier products and support schemes.

Project Need: As Fibre channel evolves with changes to speed, new upper-level protocols, and new functions, FC-FS-5 is needed to describe any changes needed to Fibre Channel Framing and Signaling.

This project proposal recommends the development of a set of technical additions and clarifications to INCITS T11/Project 2238-D, Fibre Channel - Framing and Signaling - 4 (FC-FS-4). Included within this scope are: (a) Clarifications of existing ambiguities; (b) Any items deemed necessary to support energy efficient Fibre Channel; and (c) Any other item as deemed necessary during the development.

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602

Contact: *Robert O'Neill*

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-135-201x, High Pressure Knife Gate Valves (new standard)

Stakeholders: Paper, chemical, petroleum production and transport, petro-chemical, hydroelectric power, fossil fuel power valve and fitting systems, mining, and other industries requiring ASME Class rated knife gate valves.

Project Need: This MSS Standard Practice, first published in 2006, is widely used in multiple valve and piping industries and is the only standard that covers the construction requirements for ASME Class rated Knife Gate Valves. As such, this standard warrants elevation to national approval status; offering a national standard for NPS 2 to NPS 48 ASME Class 150 and Class 300 Knife Gate Valves.

MSS SP-135 covers the construction requirements for lug- and wafer-type, knife gate valves made from ASME Code materials and meeting the applicable gate valve requirements of ASME B16.34. This Standard Practice covers flanged body designs compatible with ASME B16.5 flanges for NPS 2 (DN 50) through NPS 24 (DN 600) and ASME B16.47 Series A flanges for NPS 26 (DN 650) through NPS 48 (DN 1200). As an alternative, it also pertains to valves that do not meet the body wall thickness of ASME B16.34, but shall be qualified by a proof test. The Class 150 and Class 300 dimensional, material, and other requirements of this Standard Practice shall apply to these valves.

NEMA (ASC C37) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

Contact: *Gary MacFadden*

Fax: (703) 841-3353

E-mail: Gary.MacFadden@Nema.org

BSR NEMA C37.54-201x, Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear - Conformance Test Procedures (revision and redesignation of ANSI C37.54-2003 (R2010))

Stakeholders: Manufacturers, users, contractors, builders.

Project Need: Update the existing standard for current industry practices.

When conformance tests are required, this standard specifies tests to demonstrate that the circuit breaker being tested conforms with the ratings assigned to it in accordance with ANSI/IEEE C37.04. Preferred ratings are listed in ANSI C37.06. As a requirement of conformance testing, the circuit breaker shall have completed the design testing requirements of ANSI/IEEE C37.09. If ANSI/IEEE C37.09 tests have not been previously performed, the tests required by ANSI/IEEE C37.09 beyond tests described by this standard may be performed concurrently with conformance testing.

NENA (National Emergency Number Association)

Office: 1700 Diagonal Road
Suite 500
Alexandria, VA 22314

Contact: *Roger Hixson*

E-mail: rhixson@nena.org

BSR/NENA-STA-021.1-201X, Monitoring and Managing NG9-1-1 (new standard)

Stakeholders: 9-1-1 Authorities, administrators, PSAP managers, vendors.

Project Need: Provide a standard guide to effectively managing NG9-1-1 systems and services, either directly, or through one or more vendor providers. The guidance will be usable both by state and regional 9-1-1 authorities, and by local PSAP and dispatch agencies that interface to the NG9-1-1 services provided by those authorities.

This work will address specific operational topics and make general recommendations on operational procedures associated with the NG9-1-1 transition process. The focus is on the operational impact of the transition itself. The output will be targeted to those personnel who develop and manage PSAP processes and procedures, and to those responsible for ESInet and NG Core Services infrastructure. Roles and responsibilities for these personnel will be defined. The output will be usable in a consolidated services environment that serves multiple PSAPs in a NG9-1-1 system. The effort will identify and describe what needs to be monitored and how that is different than current practices within E9-1-1, including the acquisition and provisioning of the capacity involved. The level of detail should be sufficient to identify areas that should be considered in RFPs and Service Level Agreements. System and services operational standards may result from the needs identified. To join this group, go to https://www.nena.org/?MonitorManageNG911 and complete the form.

BSR/NENA-STA-022.1-201X, NENA Standard for 9-1-1 Reliability (new standard)

Stakeholders: 9-1-1 Authorities, administrators, PSAP managers, vendors, 9-1-1 core services network operators, PSAP network operators, 9-1-1 functional element vendors and operators.

Project Need: Provide a standard for 9-1-1 reliability criteria, measures and procedures for 9-1-1 systems and services. The guidance will be usable both by state and regional 9-1-1 authorities, and by local PSAP and dispatch agencies that interface to the NG9-1-1 services provided by those authorities. May also provide recommendations for originating service providers, functional element providers, and network/element operators of all types.

This work will address specific service reliability topics and make general recommendations on operational procedures associated with E9-1-1, transitional NG9-1-1, and future NG9-1-1 environments. The output will be targeted to those personnel who develop and manage PSAP processes and procedures, and to those responsible for ESInet and NG Core Services infrastructure. The output will be usable in a consolidated services environment that serves multiple PSAPs in a NG9-1-1 system. The effort will identify and describe what needs to be monitored and how that is different than current practices within E9-1-1, including the acquisition and provisioning of the measurement data involved. Interface mechanisms for notifications relating to discontinuance, outage, impairment, and/or changes in 9-1-1 service will be developed. The level of detail should be sufficient to identify areas that should be considered in RFPs and Service Level Agreements. System and services operational standards will result from the needs identified. To join this group, send an e-mail to rhixson@nena.org.

PMI (Project Management Institute)

Office: 14 Campus Blvd
Newtown Square, PA 19073-3299

Contact: *Lorna Scheel*

Fax: (610) 356-4647

E-mail: lorna.scheel@pmi.org

BSR/PMI 08-003-201x, The Standard for Portfolio Management - Fourth Edition (revision of ANSI/PMI 08-003-2012)

Stakeholders: Anyone interested in the portfolio management profession such as senior executives, program managers, managers of projects, members of project management offices, functional managers with employees assigned to project teams, educators teaching project-management-related subjects, consultants and other specialists in project management and related fields, trainers developing project-management educational programs, researchers analyzing portfolio management.

Project Need: The Portfolio Management profession continues to mature and the Standard for Portfolio Management needs to be updated to meet this maturation.

The Standard for Portfolio Management, Fourth Edition, addresses the gap in the management-by-projects field across all types of organizations (i.e., profit, non-profit, government). It defines the need for a documented set of processes that represent generally recognized good practices in the discipline of portfolio management. A cover-to-cover revision is planned for continuous improvement and to address needed modifications.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 600 om-201x, Analysis of formaldehyde in aqueous solutions and of free formaldehyde in resins (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct the required five-year review of an existing TAPPI standard in order to revise it if needed to address new technology or correct errors.

This method is for the analysis of the formaldehyde content of aqueous solutions of the gas.

WMA (World Millwork Alliance)

Office: 10047 Robert Trent Jones Parkway
New Port Richey, FL 34655

Contact: *Jessica Ferris*

Fax: (727) 372-2879

E-mail: jferris@amdweb.com; jferris@worldmillworkalliance.com

* BSR/AMD 100-201x, Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/AMD 100-2013)

Stakeholders: The Side Hinged Exterior Door industry, which includes component manufacturers, prehangers, distributors, home builders, regulators, industry-related associations, testing and certification agencies.

Project Need: The AMD 100 is being revised to incorporate the standard developer's name change and thereby its alphanumeric reference; to update metric measurements, and to update standard references.

Revisions being considered are limited in scope to those being proposed. The AMD 100 provides a structural design pressure rating for a side-hinged exterior door system (SHEDS) using the ASTM E330 test method. Once a rating is obtained, the standard defines methods for qualifying door system components for substitution in the rated system. Slab stiffness testing is used and outlined in this standard as a means to qualify components.

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.

ABYC
American Boat and Yacht Council

613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Web: www.abycinc.org

ALI
Automotive Lift Institute

PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Phone: (607) 756-7775
Fax: (607) 756-0888
Web: www.autolift.org

API
American Petroleum Institute

1220 L Street, NW
Washington, DC 20005
Phone: (202) 682-8190
Fax: (202) 962-4797
Web: www.api.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

ASIS
ASIS International

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

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

AWS
American Welding Society

8669 NW 36th Street
Miami, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

ECIA
Electronic Components Industry Association

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

FCI
Fluid Controls Institute

1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105
Web: www.fluidcontrolsinstitute.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO

18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Fax: (708) 479-6139
Web: www.asse-plumbing.org

IESNA
Illuminating Engineering Society of North America

120 Wall Street, 17th Floor
New York, NY 10005
Phone: (212) 248-5000, ext 123
Fax: (212) 248-5017
Web: www.iesna.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5741
Fax: 202-638-4922
Web: www.incits.org

LEO
Leonardo Academy, Inc.

2912 Marketplace Drive
Suite 103
Madison, WI 53719
Phone: (608) 280-0255
Fax: (608) 255-7202
Web: www.leonardoacademy.org

MSS
Manufacturers Standardization Society

127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Fax: (703) 281-6671
Web: www.mss-hq.org

NEMA (ASC C37)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3253
Fax: (703) 841-3353
Web: www.nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

NENA
National Emergency Number Association

1700 Diagonal Road
Suite 500
Alexandria, VA 22314
Phone: (202) 618-4405
Web: www.nena.org

NPES (ASC CGATS)
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7229
Fax: (703) 620-0994
Web: www.npes.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

PGMA
Portable Generator Manufacturers Association

1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333 X3008
Fax: (216) 241-0105
Web: www.pgmaonline.com

PMI (Organization)
Project Management Institute

14 Campus Blvd
Newtown Square, PA 19073-3299
Phone: (313) 404-3507
Fax: (610) 356-4647
Web: www.pmi.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

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7497
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3297
Web: www.ul.com

WMA
World Millwork Alliance

10047 Robert Trent Jones Parkway
New Port Richey, FL 34655
Phone: (727) 372-3665
Fax: (727) 372-2879
Web: www.amdweb.com; www.worldmillworkalliance.com (effective April 2015)

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 Charles T. Zegers, General Secretary of the USNC (czegers@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

PAINTS AND VARNISHES (TC 35)

ISO/DIS 19396-2, Paints and varnishes - Determination of pH value - Part 2: pH electrodes with ISFET technology - 6/26/2015, $62.00

WOOD-BASED PANELS (TC 89)

ISO/DIS 17064, Wood-based panels - Fibreboard, particleboard and oriented strand board (OSB) - Vocabulary - 6/26/2015

IEC Standards

9/2023/FDIS, IEC 62279 Ed.2: Railway applications - Communication, signalling and processing systems - Software for railway control and protection systems, 05/29/2015

14/816/CD, IEC/IEEE 60076-16 Ed.1: Power transformers - Part 16: Transformers for wind turbine applications, 07/03/2015

15/751/FDIS, IEC 60455-2/Ed3: Resin based reactive compounds used for electrical insulation - Part 2: Methods of test, 05/29/2015

17C/625/DTR, IEC/TR 62271-307 Ed.1: High-voltage switchgear and controlgear - Part 307: Guidance for the extension of validity of type tests of AC metal and solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 05/29/2015

18/1455/DC, Revision of Electrical installations in ships - Part 302: Low-voltage switchgear and control gear assemblies, 05/08/2015

22G/293/CDV, IEC 61800-5-2 Ed.2: Adjustable speed electrical power drive systems - Part 5-2: Safety Requirements - Functional, 07/03/2015

22G/295A/CD, Amendment 1 - IEC 61800-5-1 Ed.2: Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy, 06/19/2015

22G/298/DC, Recommendations for use of the safety sub-function Safe Motor Temperature (SMT) with a motor in explosive atmosphere applications, 05/29/2015

23G/345/FDIS, IEC 60320-1 Ed.3: Appliance couplers for household and similar general purposes - Part 1: General requirements, 05/29/2015

25/524/CD, IEC 60027-3 Ed. 4: Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities, 07/03/2015

26/564/CD, IEC 62822-3 Ed.1: Resistance welding equipment - Part 3: Basic standard for the evaluation of human exposure to electromagnetic fields from equipment for resistance welding and allied processes, 07/03/2015

31/1191/FDIS, IEC/IEEE 60079-30-1/Ed1: Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements, 05/29/2015

34A/1847/CD, IEC/TS 62861 Ed.1: Guide to principal component reliability testing for LED light sources and LED luminaires, 07/03/2015

34B/1775/CDV, IEC 60838-2-3 Ed.1: Miscellaneous lampholders - Part 2-3: Particular requirements - Lampholders for double-capped linear LED-lamps, 07/03/2015

34B/1783/FDIS, Amendment 52 to IEC 60061-1 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps, 05/29/2015

37A/273/FDIS, IEC 61643-22/Ed2: Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles, 05/29/2015

37B/135/CDV, IEC 61643-351/Ed1: Components for low-voltage surge protection - Part 351: Performance requirements and test methods for telecommunications and signalling network lightning isolation transformers (LIT), 07/03/2015

45A/1008A/FDIS, Revised - IEC/IEEE 62582-5 Ed.1: Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 5: Optical time domain reflectometry, 05/08/2015

45A/1014/CD, IEC 62859 Ed.1: Nuclear power plants - Instrumentation and control systems - Requirements for coordinating safety and cybersecurity, 05/29/2015

46/551/FDIS, EC 61726/Ed.3:Cable assemblies, Cables, Connectors and Passive Microwave Components - Screening Attenuation Measurement by the Reverberation Chamber Method, 05/29/2015

46A/1256/FDIS, IEC 61196-4/Ed.3: Coaxial Communication Cables - Part 4: Sectional specification for radiating cables, 05/29/2015

46C/1009/CDV, IEC 61156-9: Multicore and symmetrical pair/quad cables for digital communications - Part 9: Cables for channels with transmission characteristics up to 2 GHz - Sectional specification, 07/03/2015

46C/1010/CDV, IEC 61156-10: Multicore and symmetrical pair/quad cables for digital communications - Part 10: Cables for cords with transmission characteristics up to 2 GHz - Sectional specification, 07/03/2015

48B/2432/NP, IEC 61076-3-119/Ed1: Connectors for electronic equipment - Product requirements - Part 3-119: rectangular connectors - Detail specification for unshielded, free and fixed 10 way connectors with push-pull coupling for industrial environments with frequencies up to 100 mhz, 07/03/2015

49/1141/CD, IEC 61240 Ed.3: Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules, 07/03/2015

57/1565/CD, IEC 62351-9 Ed.1: Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment, 07/03/2015

59F/279/NP, IEC 62885-X Ed 1; Surface cleaning appliances - Part X: High pressure cleaners and steam cleaners - Methods of measuring the performance, 07/03/2015

61J/614/CD, IEC 62784/Ed1: Particular requirements for vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts, 05/29/2015

62D/1246/CD, IEC 60601-2-16 Ed.5: Medical Electrical Equipment - Part 2-16: Particular requirements for the basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, 05/29/2015

62D/1247/CD, IEC 60601-2-39 Ed.3: Medical Electrical Equipment - Part 2-39: Particular requirements for the basic safety and essential performance of peritoneal dialysis equipment, 05/29/2015

65B/991/NP, Industrial Inspecting Thermal Imagers, 07/03/2015

65B/992/CD, IEC 61987-24-2 Ed 1.0: Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 24-2: List of Properties (LOP) of valve/actuator accessories for electronic data exchange, 07/03/2015

65B/993/CD, IEC 61987-24-3 Ed 1.0: Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 24-3: List of Properties (LOP) of flow modification accessories for electronic data exchange, 07/03/2015

66/562A/CDV, IEC 61010-2-120 Ed.1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-120: Particular safety requirements for machinery, 06/26/2015

76/519/FDIS, IEC 62471-5 Ed.1: Photobiological safety of lamps and lamp systems - Part 5: Image projectors, 05/29/2015

77A/884/CD, IEC 61000-3-3 Ed3 A1: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection, 07/03/2015

77B/726/CDV, IEC 61000-4-31: Electromagnetic Compatibility (EMC) - Part 4-31: Testing and measurement techniques - AC mains ports broadband conducted disturbance immunity test, 07/03/2015

82/962/FDIS, IEC 62759-1 Ed.1: Transportation testing of photovoltaic (PV) modules - Part 1: Transportation and shipping of PV module stacks, 05/29/2015

86A/1645/CDV, IEC 60793-2/Ed8: Optical fibres - Part 2: Product specifications - General, 07/03/2015

86B/3894/NP, Future IEC 62664-1-2/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector product specifications - Part 1-2: LC-APC duplex singlmode connectors terminated on IEC 60793-2-50 category B1.1 and B1.3 fibre, 07/03/2015

86B/3895/NP, Future IEC 62664-1-3/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector product specifications - Part 1-3: LC-PC duplex singlmode connectors terminated on IEC 60793-2-50 category B1.1 and B1.3 fibre, 07/03/2015

86C/1302/CDV, IEC 62572-3/Ed3: Fibre optic active components and devices - Reliability standards - Part 3: Laser modules used for telecommunication, 07/03/2015

86C/1304/CDV, IEC 62343-4-1/Ed1: Dynamic modules - Software and hardware interface standards - Part 4-1: 1x9 wavelength selective switch, 07/03/2015

88/543/NP, Wind Turbines - Safety of the WTGs General principles for Design, 07/03/2015

91/1241/CDV, IEC 60068-3-13 Ed.1: Environmental testing - Part 3 -13: Supporting documentation and guidance on test T: Soldering, 07/03/2015

91/1257/PAS, IEC/PAS 62878-2-5 Ed.1: Device embedded substrate - Guidelines - Data format, 05/29/2015

97/164/NP, PNW 97-164: IEC 61820 Ed.1: Electrical installations for the lighting and beaconing of aerodromes - Constant current series circuits for aeronautical ground lighting - System design and installation requirements, 07/03/2015

100/2457/CDV, IEC 61966-2-4 Ed1 Amd 1: Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video applications - xvYCC, 07/03/2015

104/655/FDIS, IEC 60068-2-60 Ed.3: Environmental testing - Part 2: Tests - Test Ke: Flowing mixed gas corrosion test, 05/29/2015

107/256/CDV, IEC 62396-1 Ed.2: Process management for avionics - Atmospheric radiation effects - Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment, 07/03/2015

110/658/CD, IEC 62679-4-2 Ed.1: Electronic paper displays - Part 4-2: Environmental test method, 05/29/2015

110/659/CD, IEC 62341-6-4 Ed.1: Organic light emitting diode (OLED) displays - Part 6-4: Measuring methods of transparent properties, 05/29/2015

CIS/F/663/CD, CISPR 15 Ed.9: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, 07/31/2015

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

DENTISTRY (TC 106)

ISO 7494-2:2015, Dentistry - Dental units - Part 2: Air, water, suction and wastewater systems, $149.00

FLUID POWER SYSTEMS (TC 131)

ISO 3601-5:2015, Fluid power systems - O-rings - Part 5: Specification of elastomeric materials for industrial applications, $123.00

GEOSYNTHETICS (TC 221)

ISO 10318-2:2015, Geosynthetics - Part 2: Symbols and pictograms, $88.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 15746-1:2015, Automation systems and integration - Integration of advanced process control and optimization capabilities for manufacturing systems - Part 1: Framework and functional model, $149.00

IEC 62264-2:2015, Enterprise-control system integration - Part 2: Objects and attributes for enterprise-control system integration, $265.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9022-12:2015, Optics and photonics - Environmental test methods - Part 12: Contamination, $88.00

ISO 9022-14:2015, Optics and photonics - Environmental test methods - Part 14: Dew, hoarfrost, ice, $51.00

ISO 9022-17:2015, Optics and photonics - Environmental test methods - Part 17: Combined contamination, solar radiation, $51.00

OTHER

ISO 17234-1:2015, Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants, $123.00

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

ISO 3458:2015, Plastics piping systems - Mechanical joints between fittings and pressure pipes - Test method for leaktightness under internal pressure, $51.00

ISO 4437-4:2015, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 4: Valves, $123.00

ISO 6259-1:2015, Thermoplastics pipes - Determination of tensile properties - Part 1: General test method, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 28007-1:2015, Ships and marine technology - Guidelines for Private Maritime Security Companies (PMSC) providing privately contracted armed security personnel (PCASP) on board ships (and pro forma contract) - Part 1: General, $149.00

SOLID BIOFUELS (TC 238)

ISO 16993:2015, Solid biofuels - Conversion of analytical results from one basis to another, $88.00

ISO 16994:2015, Solid biofuels - Determination of total content of sulfur and chlorine, $88.00

STEEL (TC 17)

ISO 16573:2015, Steel - Measurement method for the evaluation of hydrogen embrittlement resistance of high strength steels, $88.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

IEC 60601-2-52/Amd1:2015, Medical electrical equipment -- Part 2-52: Particular requirements for the basic safety and essential performance of medical beds - Amendment 1, $22.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14651/Amd2:2015, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 2, $22.00

ISO/IEC 14496-3/Amd4/Cor1:2015, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 4: New levels for AAC profiles - Corrigendum, FREE

ISO/IEC 14496-3/Cor5:2015, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum 5, FREE

ISO/IEC 14496-5/Amd27/Cor1:2015, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 27: Scalable complexity 3D mesh coding reference software - Corrigendum, FREE

ISO/IEC 14763-3/Cor1:2015, Information technology - Implementation and operation of customer premises cabling - Part 3: Testing of optical fibre cabling - Corrigendum, FREE

ISO/IEC 23003-2/Amd3:2015, Information technology - MPEG audio technologies - Part 2: Spatial Audio Object Coding (SAOC) - Amendment 3: Dialogue enhancement, $22.00

ISO/IEC 23008-1/Cor1:2015, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Corrigendum, FREE

ISO/IEC 14496-16/Cor1:2015, Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in ISO base media file format - Corrigendum, FREE

ISO/IEC 14496-26/Cor8:2015, Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Corrigendum, FREE

ISO/IEC 14496-27/Amd2/Cor1:2015, Information technology - Coding of audio-visual objects - Part 27: 3D Graphics conformance - Amendment 2: Scalable complexity 3D mesh coding conformance - Corrigendum, FREE

ISO/IEC 14496-30/Cor1:2015, Information technology - Coding of audio-visual objects - Part 30: Timed text and other visual overlays in ISO base media file format - Corrigendum, FREE

ISO/IEC 21000-21/Cor1:2015, Information technology - Multimedia framework (MPEG-21) - Part 21: Media Contract Ontology - Corrigendum, FREE

ISO/IEC 15944-4:2015, Information technology - Business Operational View - Part 4: Business transaction scenarios - Accounting and economic ontology, $240.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 62106 Ed. 3.0 en:2015, Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz, $411.00

IEC 62634 Ed. 2.0 b:2015, Radio data system (RDS) - Receiver products and characteristics - Methods of measurement, $85.00

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

IEC 61169-47 Ed. 2.0 en:2015, Radio-frequency connectors - Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick), $157.00

IEC 61196-1-100 Ed. 2.0 b:2015, Coaxial communication cables - Part 1-100: Electrical test methods - General requirements, $36.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60063 Ed. 3.0 b:2015, Preferred number series for resistors and capacitors, $48.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 60669-2-1 Ed. 4.2 b:2015, Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches, $605.00

IEC 60669-2-1 Amd.2 Ed. 4.0 b:2015, Amendment 2 - Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches, $182.00

IEC 60670-22 Ed. 1.1 b:2015, Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 22: Particular requirements for connecting boxes and enclosures, $116.00

IEC 60670-22 Amd.1 Ed. 1.0 b:2015, Amendment 1 - Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 22: Particular requirements for connecting boxes and enclosures, $24.00

FIBRE OPTICS (TC 86)

IEC 62007-1 Ed. 3.0 b:2015, Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics, $230.00

IEC 60793-1-43 Ed. 2.0 en:2015, Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture measurement, $121.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 61988-2-6 Ed. 1.0 en:2015, Plasma display panels - Part 2-6: Measuring methods - APL dependent gamma and colour characteristics, $206.00

IEC 61988-4-1 Ed. 1.0 en:2015, Plasma display panels - Part 4-1: Environmental testing methods - Climatic and mechanical, $206.00

IEC 61747-20-2 Ed. 1.0 en:2015, Liquid crystal display devices - Part 20-2: Visual inspection - Monochrome matrix liquid crystal display modules (excluding all active matrix liquid crystal display modules), $61.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 62541-3 Ed. 2.0 b:2015, OPC unified architecture - Part 3: Address Space Model, $387.00

IEC 62541-4 Ed. 2.0 b:2015, OPC Unified Architecture - Part 4: Services, $411.00

IEC 62541-5 Ed. 2.0 b:2015, OPC Unified Architecture - Part 5: Information Model, $387.00

IEC 62541-6 Ed. 2.0 b:2015, OPC Unified Architecture - Part 6: Mappings, $351.00

IEC 62541-7 Ed. 2.0 b:2015, OPC Unified Architecture - Part 7: Profiles, $375.00

IEC 62541-8 Ed. 2.0 b:2015, OPC Unified Architecture - Part 8: Data Access, $206.00

IEC 62541-9 Ed. 2.0 b:2015, OPC Unified Architecture - Part 9: Alarms and conditions, $351.00

IEC 62714-2 Ed. 1.0 b:2015, Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 2: Role class libraries, $303.00

IEC 62541-11 Ed. 1.0 b:2015, OPC Unified Architecture - Part 11: Historical Access, $278.00

IEC 62541-13 Ed. 1.0 b:2015, OPC Unified Architecture - Part 13: Aggregates, $351.00

IEC 62541-100 Ed. 1.0 b:2015, OPC Unified Architecture - Part 100: Device Interface, $339.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC 60404-8-1 Ed. 3.0 b:2015, Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials, $254.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 62645 Ed. 1.0 b cor.1:2015, Corrigendum 1 - Nuclear power plants - Instrumentation and control systems - Requirements for security programmes for computer-based systems, $0.00

OTHER

CISPR 15 Ed. 8.1 b:2015, Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, $605.00

CISPR 15 Amd.1 Ed. 8.0 b:2015, Amendment 1 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, $157.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

IEC 61837-4 Ed. 2.0 b:2015, Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 4: Hybrid enclosure outlines, $61.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 60068-2-58 Ed. 4.0 b:2015, 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), $254.00

TERMINOLOGY (TC 1)

IEC 60050-904 Ed. 1.0 b:2014, International Electrotechnical Vocabulary - Part 904: Environmental standardization for electrical and electronic products and systems, $182.00

IEC Technical Specifications

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

IEC/TS 60216-7-1 Ed. 1.0 en:2015, Electrical insulation materials - Thermal endurance properties - Part 7-1: Accelerated determination of relative thermal endurance using analytical test methods (RTEA) - Instructions for calculations based on activation energy, $157.00

INSULATORS (TC 36)

IEC/TS 61245 Ed. 2.0 en:2015, Artificial pollution tests on high-voltage ceramic and glass insulators to be used on d.c. systems, $254.00

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

IEC/TS 62600-10 Ed. 1.0 en:2015, Marine energy - Wave, tidal and other water current converters - Part 10: Assessment of mooring system for marine energy converters (MECs), $278.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC/TS 62878-2-1 Ed. 1.0 b:2015, Device embedded substrate - Part 2-1: Guidelines - General description of technology, $206.00

IEC/TS 62878-2-3 Ed. 1.0 b:2015, Device embedded substrate - Part 2-3: Guidelines - Design guide, $182.00

IEC/TS 62878-2-4 Ed. 1.0 b:2015, Device embedded substrate - Part 2-4: Guidelines - Test element groups (TEG), $254.00

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.

PINS Correction

BSR/TIA 322-201x

The following PINS listed in Standards Action 3/20/2015 under Telecommunications Industry Association had an error in the document number: BSR/TIA 5032-201x, Loading Criteria, Analysis, and Design Related to the Installation, Alteration and Maintenance of Communication Structures (new standard). The designation for this project should be BSR/TIA 322 instead of BSR/TIA 5032.

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Dental Association (ADA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Dental Association (ADA), an ANSI organizational member, has been approved under its recently revised operating procedures for documenting consensus on ADA-sponsored American National Standards, effective April 1, 2015. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611; phone: 312.587.4129; e-mail: bralowerp@ada.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in accordance with ISO/IEC 17065

Safety Equipment Institute

Comment Deadline: May 4, 2015

Patricia A Gleason – President
Safety Equipment Institute
1307 Dolley Madison Blvd. Suite 3A
McLean, VA 22101
Phone: 703/442-5732
Web: www.SEInet.org

On March 10th 2015, the ANSI Accreditation Committee voted to approve Accreditation in accordance with ISO/IEC 17065 for the following:

11 HEALTH CARE TECHNOLOGY

11.140 Hospital equipment

11.160 First aid

13 ENVIRONMENT. HEALTH PROTECTION. SAFETY

13.220 Protection against fire

13.220.10 Fire-fighting

13.340 Protective equipment

13.340.01 Protective equipment in general

13.340.10 Protective clothing

13.340.20 Head protective equipment

13.340.30 Respiratory protective devices

13.340.40 Hand and arm protection

13.340.50 Leg and foot protection

13.340.60 Protection against falling and slipping

13.340.70 Lifejackets, buoyancy aids and flotation devices

13.340.99 Other protective equipment

19 TESTING

19.040 Environmental testing

Please send your comments by May 4, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Approval of Scope Extensions for Accreditation in accordance with ISO/IEC 17065

Organic Certifiers

Comment Deadline: May 4, 2015

Susan D. Siple- Executive Director
Organic Certifiers
6500 Casitas Pass Road
Ventura, CA 93001
E-mail: susan@occert.com
Website: http://www.fscert.com

On March 10th, 2015, the ANSI Accreditation Committee voted to approve Accreditation in accordance with ISO/IEC 17065 for the following scope extension:

* PrimusGFS General Regulation 2.1

Please send your comments by May 4, 2015 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for US/TAG Participants

ISO/TC 291 – Domestic Gas Cooking Appliances

A new ISO Technical Committee, ISO/TC 291 - Domestic Gas Cooking Appliances, has been formed. The Secretariat has been allocated to DIN (Germany), and Underwriters Laboratories (UL) will serve as the US Technical Advisory Group (US/TAG) Administrator.

The scope of ISO/TC 291 is as follows:

> Standardization in the field of Domestic Gas Cooking Appliances, considering a whole appliance: terminology, classification, constructional and performance characteristics, test methods and marking. Excluded from this scope are cookstoves covered by the standards being developed in ISO/TC 285.

ANSI is currently a participating member of TC 291, Domestic Gas Cooking, and is in the process of organizing the US Technical Advisory Group (US/TAG). Anyone interested in joining the US TAG is invited to contact Nicolette Allen, US/TAG Secretary at Nicolette.Allen@ul.com.

New Field of ISO Technology

Waste Management, Recycling and Road Operation Service

Comment Deadline: April 17, 2015

DIN (Germany) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Waste Management, Recycling and Road Operation Service, with the following scope statement:

> Standardization of equipment for waste management, recycling, public cleaning and road operation. Taking into particular account technical and logistical aspects. Drafting of International Standards for products and procedures as well as safety requirements for the collection, transport, storage and transfer of solid and liquid waste.
>
> Sludge recovery, treatment and disposal and also water re-use are not covered by the scope of this ISO/TC, but are handled e.g. in ISO/TC 275 and ISO/TC 282.
>
> Exclusion: General environmental management (e.g., ISO 14000) and road traffic safety management systems aspects (e.g., ISO 39001), are to be handled by ISO/TC 207 and ISO/TC 241.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 17, 2015.

International Electrotechnical Commission (IEC)

Looking for USNC TAG Members for IEC/Systems Committee – Smart Energy

US Technical Advisory Group (USTAG) for SyC SE Smart Energy

The IEC has transitioned Systems Evaluation Group 2 Smart Grid, into a new systems committee and the US will be participating. NEMA will serve as TAG Administrator and is in the process of organizing the Technical Advisory Group (TAG) for the USNC.

Title: US TAG for SyC Smart Energy

Scope:

Standardization in the field of Smart Energy in order to provide systems level standardization, coordination and guidance in the areas of Smart Grid and Smart Energy, including interaction in the areas of Heat and Gas.

To widely consult within the IEC community and the broader stakeholder community to provide overall systems level value, support and guidance to the TCs and other standard development groups, both inside and outside the IEC.

To liaise and cooperate with the SEG Smart Cities and future SEGs, as well as the future Systems Resource Group.

Anyone interested in joining the USNC TAG for IEC SyC SE Smart Energy is invited to contact Gene Eckhart, TAG Secretary – gen_eckhart@nema.org.

Meeting Notices

AHRI Standards

Revision of AHRI Standard 540, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting in Atlanta, GA, on May 21. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org. To attend this meeting, please RSVP by April 8.

ASC Z133, Arboricultural Operations – Safety Requirements

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations —Safety Requirements) will take place on April 22, 2015, at The Westin Baltimore Washington–BWI in Linthicum, Maryland. For more information, contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone (+1 217.355.9411, ext. 259) or by e-mailing jhuber@isa-arbor.com.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 10/SC 1 – Basic conventions

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 10/SC 1 (Basic conventions). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 10/SC 1 to ASME. ASME has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.

ISO/TC 10/SC 1 operates under the following scope:

> *Standardization and coordination of technical product documentation (TPD), including technical drawings, manually produced or computer based for technical purposes throughout the product life cycle, to facilitate preparation, management, storage, retrieval, reproduction, exchange and use.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 10/SC 1. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept 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 US 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 10/SC 1 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, 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 at isot@ansi.org.

6.3.2 Output Power Rating

6.3.2.1 Definitions

6.3.2.1.1 Power Correction Factor

The power correction factor used for the Output Power Test shall be the same as defined in SAE J1349.

6.3.2.1.1.1 Symbols for Power Correction Factor

The symbols used for the Output Power Test are described below:

D: **Engine** displacement, L

F: Fuel flow, g/s

N: **Engine** speed, min^{-1}

Pa_{do} : Dry air pressure (absolute) observed, kPa

Q: Fuel delivery, mg/L cycle

SG_o : Fuel density at 15 °C, kg/L

t_o : Inlet air supply temperature observed, °C

V_o : Fuel viscosity at 40 °C observed, mm^2/s

6.3.2.1.1.2 Reference atmospheric conditions for Power Correction Factor

The reference atmospheric conditions are provided in Table 4 below:

Table 4 - Reference atmospheric conditions

	Standard condition	Test range limits
Inlet air pressure (absolute)	100 kPa	-
Dry air pressure (absolute)	99 kPa	90 kPa – 105 kPa
Inlet air supply temperature	25 ºC	15 ºC – 35ºC

6.3.2.1.1.3 Power Correction Factor for Spark ignition **engines**

Mechanical efficiency of the **engine** is assumed to be 85% as allowed by SAE J1349 Mar2008.

$$Power\ Correction\ Factor = \left[1.176 \times \left(\frac{99}{Pa_{do}}\right) \times \left(\frac{t_o + 273}{298}\right)^{0.5} - 0.176\right]$$

6.3.2.1.1.4 Power Correction Factor for Compression ignition **engines**

The following calculation applies to four stroke naturally aspirated **engines** with pump-line-nozzle fuel injection systems. For pressure charged air systems, unit injectors, common rail fuel systems or two stroke **engines** refer to SAE J1349.

$$Power\ Correction\ Factor = \left[\left(\frac{99}{Pa_{do}}\right)\times\left(\frac{t_o+273}{298}\right)^{0.7}\right]^{FM}\times\left[1+0.70\left(\frac{0.850-SG_o}{SG_o}\right)\right]\times\left(\frac{1+0.15/V_o}{1.0577}\right)$$

The value of the **engine** factor FM is determined from the following table:

	FM
Q < 37.2	0.2
37.2 > Q < 65	0.036 x Q - 1.14
65 > Q	1.2

where:
Q=120,000 x F/(D x N)

Notes:

(1) This equation assumes that friction power is not measured. Mechanical efficiency is assumed to be 85% as allowed by SAE J1349.
(2) For detail explanation of test conditions and procedures, see SAE J1349.

6.3.2.2 Documentation

The following information shall be recorded for each model tested:

- Name and company of individual conducting test
- Date of test
- Name of product OEM
- Model number/name/type
- **Rated wattage** (W)
- Rated **voltage**
- **Engine** manufacturer/model

6.3.2.3 Test Equipment

6.3.2.3.1 Calibration

- Test equipment identified in 6.3.2.3.2 shall be calibrated according to measuring device manufacturer specifications and shall be traceable to National Institute of Standards and Technology (NIST) methods or any equivalent national metrology institute. The resistive elements in the **load** bank need not be calibrated.
- The last date of calibration shall be clearly marked on each measuring device

6.3.2.3.2 Test Equipment Specifications

The manufacturer name and model number for all test equipment (measuring devices) shall be recorded. The following test equipment shall be used:

- Voltmeter capable of measuring true RMS **voltage** within at least +/- ~~1~~ 1.5% of actual
- Wattmeter capable of measuring true RMS wattage within at least +/- ~~1~~ 3% of actual
- Ammeter capable of measuring true RMS current within at least +/- ~~1~~ 2.5% of actual
- Frequency sensor capable of measuring within at least +/- 1% of actual
- **Load** bank which applies a purely resistive **load**
- Temperature meter +/- ~~0.55~~ 2ºC (+/- ~~1~~ 4ºF) of actual. For temperature measurements that employ a thermocouple, a total tolerance of +/- 4.5º C (+/- 8º F) is allowed.
- Barometer capable of measuring within at least +/- 1% of actual
- Humidity meter +/- 5% of actual (wet bulb/dry bulb optional)

6.3.2.4 Test Procedure

- *Prepare unit(s) for test*
  - *Unit may be broken in by running under varying **load** conditions for a period as recommended by the **engine** manufacturer, but not to exceed 12 hours*
  - ***Engine** oil shall be as recommended by manufacturer and shall be changed after break in and before conducting tests*
- *Unit shall be tested in an open area which provides at least 1 meter of clearance on all 5 sides and a constant supply of fresh air*
- *Ambient air temperature shall be 15-35ºC (59-95 ºF), measured 300 mm (12 inches) from **engine** cooling air intake*
- *The **voltage** shall be within 10% of the nameplate rated **voltage** and the frequency shall be within 5% of the nameplate rated frequency for all **loads** from no-**load** to maximum wattage*
- *The **portable generator** shall be prepared and started in accordance with the operating instructions. Start the unit and measure the **voltage** and frequency at no-**load**. If the **voltage** or frequency is out of tolerance a minimum adjustment shall be made to the unit to bring it into tolerance. For a mechanical governor system, the **no-load frequency** should be adjusted to be between 62.5 and 63 Hertz*
- ***Load** is to be applied to the unit while monitoring the **voltage** and frequency. **Load** should be increased to the maximum available Observed Wattage output without causing the **voltage** or frequency to fall out of tolerance. When the maximum wattage is reached, the unit should be allowed to warm up until operating temperature has stabilized. The unit is considered to be at temperature stabilization when the **engine** oil temperature varies by less than 2°C (4°F) over 3 consecutive readings taken 15 minutes apart. As the unit warms up, the **load** may need to be adjusted to maintain maximum output wattage without exceeding **voltage** or frequency tolerances. Record **voltage**, amperage, frequency, wattage, oil and ambient air temperature several times during the*

test to show trends. When temperature stabilization has been reached record the barometric pressure and the humidity

- *Calculate the Power Correction Factor based on the equation and standard conditions in Table 4 using the temperature, barometric pressure and the humidity recorded when the unit was at stable operating temperature*
- *Calculate the Corrected Wattage by multiplying the Observed Wattage at temperature stabilization by the Power Correction Factor*
- *When testing units for compliance to this standard, Corrected Wattage at temperature stabilization shall be a minimum of 90% of Nameplate* ***Rated Wattage***

BSR/UL 507, Standard for Safety for Electric Fans

1. Rangehood Cord Length Modification

91.6.5 The length of a rangehood cord shall not be less than 18 inches (450 mm) and shall not be more than ~~36~~ 48 inches (~~900 mm~~ 1.22 m), and shall be measured external to the appliance and include the fittings, while excluding the blades on the attachment plug. The length of a detachable cord set is to be measured from the face of the rangehood plug to the face of the attachment plug, excluding the blades on the attachment plug.

BSR/UL 676, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes

1. Flexible cord and connectors

7.1 Flexible cord not enclosed within an enclosure shall be used only ~~to facilitate the installation, maintenance, or servicing of the luminaire~~ as described in this Section.

7.7 A luminaire ~~shall~~ is permitted to be provided with an attachment plug ~~or~~ and mating receptacle or cord connector ~~only when~~ to facilitate the installation, maintenance, or servicing of the luminaire. When provided:

a) The luminaire shall include~~s~~ both the attachment plug and the mating receptacle or cord connector;

b) The luminaire shall require a tool ~~is required~~ to access or disconnect the attachment plug and mating receptacle or cord connector; and

c) The attachment plug and mating receptacle or cord connector ~~are~~ shall not be exposed to sunlight, water, impact, strain, and other adverse conditions unless they have been found suitable for the conditions anticipated.~~; and~~

~~d) To facilitate the installation, maintenance, or servicing of the luminaire.~~

Exception: ~~The attachment plug that is part of the power supply cord of a cord- and plug-connected luminaire~~ A luminaire intended only for use with a storable pool need not comply with ~~items (a) and (c) of~~ this requirement.

~~7.8 An attachment plug shall not have the blade or pin configuration of a 125-volt, 15-ampere, parallel-blade, grounding-type attachment plug (ANSI 5-15); a 125-volt, 15-ampere, parallel-blade, nongrounding-type attachment plug (ANSI 1-15); or a 125-volt, 20-ampere, perpendicular-blade, grounding-type attachment plug (ANSI 5-20).~~

~~*Exception No. 1: The attachment plug that is part of a cord- and plug-connected luminaire's power supply cord is not prohibited from having a blade-and-pin configuration matching the configurations specified in 7.8.*~~

~~*Exception No. 2: An attachment plug is not prohibited from having a blade-and-pin configuration matching the configurations specified above when the attachment plug and the receptacle or cord connector to which it connects are only accessible during installation, maintenance, or servicing of the luminaire.*~~

2. Permitted cord size for low voltage luminaires

8.4.5 Low voltage luminaires are permitted to use hard usage cords, per 7.3(a), not smaller than 0.20 mm^2 (24 AWG).

3. Drainage and water entry openings

23.2 Where needed to comply with the Temperature Test, Section 29, wet-niche and no-niche luminaires shall be provided with at least four openings to permit free passage of water from the pool, fountain, or the like into the wet-niche luminaire housing and between a no-niche luminaire and its mounting bracket. Such openings shall be ~~equally~~ of a size and be distributed around the circumference of the bezel ~~, shall each have a minimum cross sectional area of 31.6 mm^2 (0.049 square inch) [the area of a 6.4-mm (1/4-inch) diameter circle] and the outermost edge of each opening shall be at least 12.7 mm (1/2 inch) from the outer edge of the bezel~~ so as to reduce the likelihood of being blocked or plugged during installation.

~~*Exception: Opening dimensions or configurations other than those specified are not prohibited from being used when they have been determined to comply with the requirement.*~~

4. Decelerating unit construction

Table 36.1

Decelerating unit descriptions

A	-	Replaceable aluminum nosepiece.
B	-	End caps. Rigid but light assemblies fabricated by riveting and brazing 6.4 mm thick aluminum ribs to 3.2 mm thick aluminum discs. Maximum weight of each end cap, including nosepiece (A) on luminaire end and striking anvil (E) on driven end, equals 225 ±23.4 g (9 ±1 ounce).
C	-	Spring retaining rings. Aluminum, 102 mm inside diameter, must provide a snug fit on ends of elastomer spring to restrain radial expansion of elastomer at ends.
D	-	Spring material. GRS (butadiene styrene), shore durometer 65, 102 mm outside diameter with 44.5 mm inside diameter core hole 44.5 mm thick [final trimming of thickness made by a cut and try operation to obtain a spring constant of 1.17 MN/m (6700 pounds per inch) at a 6672 N (1500-pound) static loading for the entire deceleration unit]. This material is available as 102 mm outside diameter, 19.1 mm inside diameter Cylinder Spring Rubber stock used for punch press and die stripper service from mechanical rubber goods supply houses. Inside diameter is enlarged to 44.5 mm by grinding or with a hole saw.
E	-	Driving end striking anvil. Steel, single unit or fabricated in two sections, approximate spherical surface.
F	-	Replaceable sheet lead or nitrile rubber buffer pad, 50.8 mm in diameter, 1.6 mm (1/16 inch) thick. Used over nosepiece when bearing against glass surfaces. Compliant results obtained without the pad are acceptable. Alternative materials with a Type A Shore durometer hardness of 60 (±5) are acceptable.
G	-	Three 6 - 32 steel screws per end cap.
1	-	Light gage brass or aluminum rivets.
2	-	3.2 mm diameter steel pop rivets. Cinched ends expand into the holes drilled through the end cap ribs.
3	-	Aluminum braze all rib joints at plates.
4	-	Counter bore all end cap plates at rivet holes to make rivet heads flush with exterior surfaces.

5. Marking of isolated low voltage luminaires

40.13 A luminaire rated in accordance with 8.4.1 shall be marked “For supply connection, use only an isolating low voltage power supply with ungrounded output, evaluated for swimming pool use.” This marking shall be visible during installation; a cord tag or removable label is permitted.

6. Submersible luminaires

42.2 In addition to the requirements in Sections 42 - 54, a submersible luminaire shall also comply with the requirements in 2.1.1, 2.2.1, 2.2.2, 3.1, 3.10, 4.1, 5.1, 6.1, 8.1.4 - 8.1.15, 8.2.3, 10.1, 11.1, 12.1 - 12.4, 13.1 - 13.4, 14.1 - 14.4, 15.1, 16.1, 17.1, 17.2, 19.1, 21.1 - 21.3, and 40.9.

Exception: Low voltage luminaires rated in accordance with 8.4.1 and marked as follows need not comply with 19.1 or 21.1 - 21.3: "For supply connection, use only an isolating low voltage power supply with ungrounded output." The marking shall be visible during installation; a cord tag or removable label is permitted.

44.1 A submersible luminaire shall be provided with a permanently attached length of ~~Type SOW or STW~~ flexible cord in accordance with 7.3. Low voltage luminaires are permitted to use hard usage cords not smaller than 0.82 mm^2 (18 AWG).

45.1 All dead-metal parts shall be bonded to a supply-circuit equipment-grounding conductor.

Exception No. 1: The following dead-metal parts are not required to be bonded to a supply-circuit equipment-grounding conductor:

a) The interior metal coating of lamps and

b) A metal ring (or similar part) crimped around the jacket of a flexible cord to provide strain relief, and that is subsequently encapsulated in a potting compound to a thickness of not less than 13 mm (1/2 inch).

Exception No. 2: The bond between a metal rivet and a dead-metal part to which it is secured is not required to be further evaluated.

Exception No. 3: This requirement does not apply to a low voltage luminaire with no provision for a supply-circuit grounding connection.

~~**46 Spacings**~~

~~46.1 The spacings between:~~

~~a) Uninsulated live parts of opposite polarity and~~

~~b) An uninsulated live part and metal that may be grounded when a luminaire is installed,~~

~~shall not be less than specified in 19.1.~~

BSR/UL 2079, Standard Tests for Fire Resistance of Building Joint Systems

1. Revision to requirements for TC Modification.

14.2 The wire leads of the thermocouple are to have an immersion under the pad and be in contact with the unexposed surface, parallel with the longitudinal direction of the joint, for not less than 1 inch (25 mm). The hot junction of the thermocouple is to be placed approximately under the center of the pad. The pad is permitted to be deformed in order to be held firmly against the surface of the joint and is to fit closely about the thermocouple. When the maximum joint width is less than the specified pad size, reduce the pad to match the maximum joint width. The pad length shall be as specified and parallel to the test specimen length. If the modified thermocouple pad cannot be placed on the contour of the surface, then no thermocouple is required at that location. The wires for the thermocouple in the length covered by the pad are not to be heavier than No. 18 AWG (0.82 mm^2) and are to be electrically insulated with heat-resistant and moisture-resistant coatings.

APPENDIX B

B.1 Requirements for Thermocouple Pads

B.1.1 The dry, felted refractory fiber[a] pads used to cover each thermocouple on the unexposed side of the test assembly shall have the following characteristics:

a) Length and width - For joints having a maximum width of less than 6 inches (152 mm) - 2 ±0.04 inches (50 ±1 mm). For joints having a maximum width equal to or greater than 6 inches (152 mm) - 6 ±0.12 inches (152 ±3 mm).

b) Thickness[b] - 0.375 ±0.063 inch (9.5 ±1.6 mm).

c) Density - ~~31.2 ±0.6 pounds per cubic foot (500 ±10 kg/m^3)~~18.7 ±0.2 pounds per cubic foot (300 ±3 kg/m^3).

d) Thermal conductivity at 150°F (66°C) - 0.37 ±0.03 Btu-inch per hour per square foot per degree F (0.053 ±0.004 W/m·K), and

e) Hardness[c] (on soft face) - 2.25 to 4.5 (modified Brinnell).

[a] Johns-Manville Ceraform 126, or the equivalent, has been found to be an acceptable refractory fiber material.

[b] The thickness measurement is to be made under the light load of a 1/2 inch (12.7 mm) diameter pad of a dial micrometer gauge.

[c] The hardness measurement is to be made by pressing a 1 inch (25.4 mm) diameter steel ball against the specimen and measuring the indentation obtained between a minor load of 2 pounds-mass (0.91 kg) and an additional major load of 10 pounds-mass (4.5 kg) [12 pounds-mass (5.4 kg) total load]. The hardness is obtained by the relationship:

$$Hardness = \frac{2.24}{y}$$

In which:

y is the difference in indentation in inches.

BSR/UL 60069-31, Standard for Safety for Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosures "t"

1. ***This proposal provides revisions to the proposal document dated January 23, 2015 for the Adoption of IEC 60079-31, Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" (second edition, issued by IEC November 2011) as a new IEC-based UL standard, UL 60079-31 to applicable requirements per comments received.***

PROPOSAL

1DV.2 DR Addition of 1DV.2.1

Where references are made to other IEC 60079 standards, the referenced requirements found in these standards apply as modified by any applicable U.S. National Differences.

2DV D1 Modification of Clause 2 ~~Title and~~ references to replace with the following:

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

~~IEC 60079-0, Explosive atmospheres - Part 0: Equipment - General requirements~~

IEC 60127 (all parts), Miniature fuses

IEC 60529, Degrees of Protection Provided by Enclosures (IP code)

IEC 60691, Thermal-links - Requirements and application guide

ISA 60079-0, Explosive atmospheres - Part 0: Equipment - General requirements

ISO 965-1, ISO general-purpose metric screw threads - Tolerances - Part 1: Principles and basic data

UL 60079-0 Explosive atmospheres - Part 0: Equipment - General requirements

UL 248 Series Low-Voltage Fuses

6.1.1.3DV DE Modification of Clause 6.1.1.3 to replace with the following:

A positive internal pressure of at least:

• 4 ± 0,4 kPa for level of protection "ta" electrical equipment, or

• 2 ± 0,2 kPa for level of protection "tb" and "tc" electrical equipment,

shall be applied to the electrical equipment for $60^{\pm 10}_{-0}$ s. Any breathing or draining device may be sealed for this test if the pressure cannot be maintained shall be removed and the sample

shall be subjected to the IP test in the condition it is in after the completion of this test. This test is not required for cable glands evaluated as Ex Equipment cable gland.

If the design of the electrical equipment is such that any gaskets or seals are physically constrained from moving, e.g. an “O” ring in a groove, this test is not required to be conducted for “tb” and “tc” electrical equipment.

6.1.1.4DV DE Modification of Clause 6.1.1.4 to replace with the following:

The samples shall be IP tested for the different level of protection as given in Table 1. Any grease in the joints shall be removed before the IP test is performed.

NOTE It is the intent that any excessive grease be removed from the joint prior to the IP testing. It is recognized that some grease may need to be present on a threaded joint or o-ring to allow assembly and disassembly.

6.1.2DV DR Modification of Clause 6.1.2 to replace with the following:

For “tb” and “tc” electrical equipment the test shall be carried out as described in ~~IEC 60079~~ UL 60079-0. For level of protection “tb” equipment, the maximum surface temperature shall be determined with the equipment mounted in accordance with the manufacturer's instructions with the additional requirement that the apparatus shall be covered with the maximum amount of dust that it can retain.

For “ta” electrical equipment, the maximum surface temperature test of ~~IEC 60079-0~~ UL 60079-0 is conducted with the electrical equipment surrounded by at least a 200 mm layer of dust on all sides. The final temperature shall have been considered to have been reached when the rate of rise of temperature does not exceed 1 K/24h. This test is carried out as described in ~~IEC 60079-0~~ UL 60079-0 and with one additional fault applied to the electrical equipment.

~~NOTE See IEC 60079-0 for the specification of the test dust~~

NOTE The U.S. national differences for testing with dust layers in all cases are necessary to align with Article 506 of the NEC, which addresses dust layers differently than IEC 60079-14.

For "ta", the measurement for the maximum surface temperature shall be determined using a test dust having a thermal conductivity of no more than 0.10 W/(m.K) measured at (100 ± 5)°C.

For "tb", the measurement for the maximum surface temperature shall be determined using a test dust having a thermal conductivity of no more than 0.10 W/(m.K) measured at (100 ± 5)°C, or grain dust (corn or wheat).