



ESTA Standards Watch

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Three ESTA Standards In Public Review

Three ESTA draft standards are in public review at http://tsp.esta.org/tsp/documents/public_review_docs.php. The review end dates and descriptions are below.

BSR E1.14 – 2001 (R201x), Entertainment Technology—Recommendations for Inclusions in Fog Equipment Manuals, applies to the instruction manuals for fog-making equipment manufactured for use in the entertainment industry. In order to use fog safely and effectively, the user must have some general knowledge of the technology, have a clear understanding of how to operate the fog making system, and be aware of the potential hazards related to the use of fog, and particularly the system that he is using. This standard is designed to establish guidelines for manufacturers to provide to the user the necessary information required for the safe and responsible use of fog equipment. Last reaffirmed in 2013, the 2001 version is again being considered for reaffirmation by the Fog & Smoke Working Group. The public review ends at the end of the day on 15 May 2017.

BSR E1.31 – 201x, Entertainment Technology—Lightweight streaming protocol for transport of DMX512 using ACN, provides a very simple protocol that offers functionality comparable to proprietary DMX512 over Ethernet protocols while being compatible with the E1.17 suite of protocols. The standard is being revised, limited to the addition of IPv6 compatibility and the correction of errors. Input on additional features is not being sought at this time. A future revision of the standard is planned to incorporate any changes outside of this scope. That future revision will be developed following the IPv6 update. To aid reviewers in discerning which sections of the draft standard include changes, a copy of the draft showing tracked changes is included in the public review package. The public review ends at the end of the day on 8 May 2017.

BSR E1.51 - 201x, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada, is intended to offer guidance, in the context of applicable standards and regulations in Canada, on how to select, install, use, and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada. Comments will be accepted through the end of the day on 5 June 2017.

The review documentation—including the draft standards, review forms, review explanations, and review instructions—is available to download from http://tsp.esta.org/tsp/documents/public_review_docs.php. Email review forms to standards@esta.org.

European Plugfest and Developers Conference 2017

The European RDM and sACN Developers Conference and Plugfest for 2017 will take place Wednesday 26th through Friday 28th of April, in the UK, at Gatwick Manor, London Road at Lowfield Heath, just south of Gatwick Airport.

The Developers Conference provides a forum for manufacturers, designers, consultants and prospective users; and aims to ensure that the adoption of standards achieves the desired levels of interoperability and reliability. Conference sessions will cover the understanding, implementation and use of the published E1.20, E1.37-1 and E137-2 RDM standards. Other projects in the current ESTA Technical Standards Program such as E1.31, E1.33 "RDMnet" and the E1.37-5 and E137-4 extensions will also be featured.

The Plugfest is a hands-on opportunity for product developers to try out their hardware and code implementations with products from a variety of other manufacturers, with support from their industry peers in an environment that encourages co-operation and improved understanding of the standards, and with the aim of achieving high levels of interoperability.

Please visit <http://www.plasa.org/rdm/> for more information, including registration and contact information.

IES Call for members

The IES (Illuminating Engineering Society) is seeking members for two current projects, BSR/IES RP-8-201x, Roadway Lighting, a revision of ANSI/IES RP-8-2014, and BSR/IES RP-16-201x, Nomenclature and Definitions for Illuminating Engineering, a proposed new standard. For more information on the projects or how to get involved, contact Patricia McGillicuddy at pmcgillicuddy@ies.org, or visit <https://www.ies.org/>.

WTO Technical Barrier to Trade Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced WTO Technical Barrier to Trade notices that may be of interest to *Standards Watch* readers. If you have a problem with these notices, you can protest through your representative to the WTO. See "Guidance for Comment Submissions by U.S. Industry on TBT Notifications" at <http://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> or <http://ec.europa.eu/enterprise/tbt/> for advice on filing objections.

United States of America Notification: USA/1280

Date issued: 5 April 2017

Agency Responsible: Federal Aviation Administration (FAA)

National Inquiry Point: USA WTO TBT Enquiry Point

Notified under Article: Other

Products covered: Non-rechargeable lithium batteries

ICS Codes: 03.220 , 13.300 , 29.220

Title: Special Conditions: AmSafe; Non-Rechargeable Lithium Battery Installations (3 pages, in English)

Description of content: This action proposes special conditions for a supplemental type certificate for installing an inflatable restraint system with non-rechargeable lithium batteries on seats in certain transport category airplanes. These airplanes, as modified by AmSafe, will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. This design feature is a non-rechargeable lithium battery. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These proposed special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

Objective and rationale: Protection of human health or safety

Relevant documents: 82 Federal Register (FR) 14164, 17 March 2017; Title 14 Code of Federal Regulations (CFR) Part 25. Will appear in the Federal Register when adopted.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 17 April 2017

Full text URL: https://members.wto.org/crnattachments/2017/TBT/USA/17_1607_00_e.pdf

Indonesia Notification: IDN/114

Date issued: 6 April 2017

Agency Responsible: Directorate General of New Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resource

National Inquiry Point: National Standardization Agency (BSN)

Notified under Article: 2.9.2 , 5.6.2

Products covered: Electric Motor 2 Phase with capacity: 1. 0.375 kW to = 0.75 kW (HS 8501.51) 2. > 0,75 kW to = 0.75 kW (HS 8501.52). -- Of an output not exceeding 750 W (HS 850151), -- Of an output exceeding 750 W but not exceeding 75 kW (HS 850152).

ICS Codes: 29.160

Title: Draft Decree of Minister of Energy and Mineral Resources concerning Implementation of Minimum Energy Performance Standard and Inclusion Label of Energy Saving for Electric Motor Devices (11 pages, in Indonesian)

Description of content: The Regulation requires that the Industrial business which produce, import and trade of electric motor devices must apply SNI IEC 60335-2-40-2009, SNI ISO/IEC 17067:2013, and SNI IEC 60034-2-1:2013, and shall have Saving Energy Certificate (SHE) from Certification Bodies accredited by National Accreditation Body of Indonesia (KAN) or another Accreditation Bodies under APLAC/ILAC MRA.

Objective and rationale: 1. To enhance consumer or human protection and quality of electric utilization equipment; 2. To improve safety of household electrical installation.

Relevant documents: 1. Law No.30 of 2007 concerning Energy; 2. Law No.30 of 2009 concerning Electricity; Government Regulation No. 70 of 2009 concerning Energy Conservation; Government Regulation No. 102 of 2000 concerning National Standardization; SNI 04-6958-2003: Electric Utilization Equipment of Household and Similar - Label of Energy Efficiency Mark

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 5 June 2017

ANSI Public Review Announcements

The following documents have been announced for public review by ANSI. Please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 7 May 2017

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

Changes in requirements to the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750, are being proposed: (1) Expand scope of standard to include LED controllers supplied from branch circuit.

Send comments to and request information from Heather Sakellariou at Heather.Sakellariou@ul.com.

Due 15 May 2017

BSR H35.2-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2013)

The standard includes dimensional tolerances for aluminum mill products that are accepted and used within the aluminum industry and by users of metal.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2016)

Various changes to the Standard for Cord Sets and Power-Supply Cords are being proposed.

Send comments to or request information from Linda Phinney at Linda.L.Phinney@ul.com.

BSR H35.5-2013 (R201x), Standard Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-2013)

The standard covers a system for designating wrought and cast aluminum metal matrix composite materials including generic temper designations.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR H35.2M-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2M-2013)

The standard includes dimensional tolerances for aluminum mill products in metric terms.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR H35.3-201x, Standard Designation System for Aluminum Hardeners (revision of ANSI H35.3-1997 (R2013))

Covers system for designation of aluminum hardeners used primarily for the addition of alloying or grain-refining elements to aluminum alloy melts.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR H35.4-201x, Standard Designation System for Unalloyed Aluminum (revision of ANSI H35.4-2006 (R2013))

The standard provides a system for designating unalloyed aluminum not made by a refining process and used primarily for remelting.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR H35.1/H35.1(M)-201x, Standard Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1/H35.1(M)-2013)

Covers system for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and tempers in which they are produced.

Single copy price: Free

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR/ABYC H-5-201x, Boat Load Capacity (revision of ANSI/ABYC H-5-2016)

This standard is a guide for determining the maximum weight and persons capacity of boats.

Single copy price: \$50.00

Order from Francesca Licari at flicari@aluminum.org.

Send comments to John Weritz at jweritz@aluminum.org.

BSR/ABYC H-35-201x, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2011)

This standard is a guide for determining powering and load capacity of pontoon boats.

Single copy price: \$50.00

Order from www.abycinc.org.

Send comments to comments@abycinc.org.

BSR/ASME A18.1 201x, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1 2014)

This safety Standard covers the design, construction, installation, operation, inspection, testing, maintenance, and repair of inclined stairway chairlifts and inclined and vertical platform lifts intended for transportation of a mobility impaired person only. The device shall have a limited vertical travel, operating speed, and platform area. Operation shall be under continuous control of the user/attendant. The device shall not penetrate more than one floor. A full passenger enclosure on the platform shall be prohibited.

Single copy price: Free

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

Send comments to Riad Mohamed at MohamedR@asme.org.

BSR/AWS F1.6-201X, Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting (new standard)

This document assists companies in estimating emissions from welding processes for EPA reporting purposes by choosing the simplest applicable method and following its steps. Example calculations are included.

Single copy price: \$28.00

Obtain an electronic copy from steveh@aws.org.

Send comments to aalonso@aws.org.

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

Essentially a reaffirmation of the RP-16-05 edition, without changes.

Single copy price: \$25.00

Order from and send comments to Patricia McGillicuddy at pmcgillicuddy@ies.org.

BSR/IES RP-8-201x, Roadway Lighting (revision of ANSI/IES RP-8-2014)

Miscellaneous editorial corrections and the addition guidance on the use of mesopic factors research.

Single copy price: \$25.00

Order from and send comments to Patricia McGillicuddy at pmcgillicuddy@ies.org.

BSR A108.01-201x, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2016)

This specification is intended to describe the general requirements for substrates and subsurfaces and general guidelines for preparation by other trades as it relates to the installation of ceramic tile.

Single copy price: \$15.00

Order from and send comments to Katelyn Simpson at KSimpson@tileusa.com.

BSR/NSF 50-201x (i108r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-201x (i108r1))

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

Single copy price: Free

Order from and send comments to Lauren Panoff lpnoff@nsf.org.

BSR/UL 60745-2-5-2012 (R201x), Standard for Safety for Hand-Held, Motor-Operated Electric Tools - Safety - Particular Requirements for Circular Saws (reaffirmation of ANSI/UL 60745-2-5-2012)

Reaffirmation and continuance of the fifth edition of the Standard for Hand-Held, Motor-Operated Electric Tools - Safety - Particular Requirements for Circular Saws, UL 60745-2-5, as an American National Standard

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to Beth Northcott at Elizabeth.Northcott@ul.com.

BSR/UL 1447-201x, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2013)

Proposed changes to and addition of requirements in UL 1447 to replace battery operated requirements with general requirements from the Standard for Battery-Powered Appliances, UL 2595.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to Beth Northcott at Elizabeth.Northcott@ul.com.

Due 22 May 2017

BSR/ASSE Z359.18-201X, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (new standard)

This Standard establishes requirements for the performance, design, testing, marking, and instructions for use of anchorage connectors in travel restraint, fall arrest, rescue, work position, rope access, and suspended component/tie-back line systems only.

Single copy price: \$100.00

Order from and send comments to Tim Fisher at TFisher@ASSE.org.

BSR/ASSE Z359.12-201X, Connecting Components for Personal Fall Arrest Systems (revision of ANSI/ASSE Z359.12-2009)

This standard establishes requirements for the performance, design, marking, qualification, test methods, and removal from service of connectors.

Single copy price: \$100.00

Order from and send comments to Tim Fisher at TFisher@ASSE.org.

CSA Public Review Announcements

The CSA Group has announced draft documents for public review that might be of interest to *Standards Watch* readers. To participate in the public reviews please visit: <http://publicreview.csa.ca/>.

Due 6 May 2017

O86-14 Engineering in wood design (Amendment)

This Standard provides criteria for the structural design and appraisal of structures or structural elements made from wood or wood products, including graded lumber, glued-laminated timber, unsanded plywood, oriented strandboard (OSB), composite building components, shearwalls and diaphragms, timber piling, pole-type construction, prefabricated wood I-joists, structural composite lumber products, preserved wood foundations, and their structural connections. This Standard employs the limit states design method.

Due 16 May 2017

C22.1 C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4224, Seals in Section 18 and Annex J18. (Amendment)

Changes to the requirements and informative annex notes regarding seals are being proposed.

Due 28 May 2017

B701, New Standard Carer-inclusive and accommodating organizations

This standard specifies requirements for an organizational program for worker-carers providing care to adult care recipients (e.g., adults with disabilities, elderly dependents).

Due 30 May 2017

C22.2 No. 37 Decorative lighting products (New Edition)

This Standard applies to decorative lighting strings, decorative lighting outfits, pre-lit trees, and accessories, intended for seasonal or commercial use connected to circuits of 120 V nominal or less by means of an attachment plug, and designed to be used in accordance with the rules of the Canadian Electrical Code, Part I, in non-hazardous locations.

Due 4 June 2017

C22.2 No. 204 Line Isolation Monitors (New Edition)

This Standard applies to line isolation monitors designed to be installed and used as an ancillary part of a single-phase isolated (ungrounded) power distribution system not exceeding 300 V in accordance with the rules of the CE Code, Part I, including any rules that are applicable particularly to anaesthetizing locations and other patient care areas in hospitals and other health care facilities.

C22.2 No. 248.12-11 (R2016) Low-voltage fuses - Part 12: Class R fuses (Amendment)

This is a proposed amendment to C22.2 No. 248.12-11 (R2016) - Low-voltage fuses - Part 12: Class R fuses

C22.2 No. 248.15 Low-Voltage Fuses - Part 15: Class T Fuses (New Edition)

This Part applies to Class T fuses rated 1200 A or less and 300 or 600 V ac. DC ratings are optional.

Z150.3 Safety code on articulating boom cranes (New Standard)

This Standard specifies requirements for the design, construction, installation, inspection, testing, maintenance, and operation of articulating boom cranes.

Due 7 June 2017

Z462 Workplace electrical safety (New Edition)

This Standard specifies requirements for workplace electrical safety necessary for the practical safeguarding of workers during activities such as the installation, removal, inspection, operation, maintenance, and demolition of electric conductors and electric equipment, as well as work in proximity of energized electrical equipment.

DIN Public Review Announcements

The Deutsches Institut für Normung (DIN) has announced a draft document possibly of interest to Standards Watch readers that is open for comment through 17 May 2017. After you register with DIN at <http://www.entwuerfe.din.de/>, you may purchase and comment on DIN draft standards.

Due 17 May 2017

DIN 56955 Event technology - loadings for installations in stages and adjacent areas - payloads

This document has been prepared by the Working Committee NA 149-00-06 AA "Arbeitsmittel und Einrichtungen" in the DIN Standards Committee for Event Technology, Image and Film (NVBF). The document applies to load applications, in particular permanent and variable loads, as well as their combinations, for installations in stages and their adjacent areas, in assembly facilities, and in event and production sites. This draft standard does not apply to mobile platforms and frames complying with the DIN 15920 and DIN 15921 standards, their stairs and railings, as well as the seats, decorations and backdrops.

The following modifications have been made to DIN 56955-2005: 12: a) Replacement of the concept of traffic load by payload; B) Restructuring of the document and presentation of design philosophy; C) inclusion of section 4 "hazards"; (D) extended provisions on permanent and variable loads in section 5; (E) extended requirements for load combinations and reductions of loads in section 6; (F) inclusion of informative annexes with examples to illustrate the normative text; G) Adaptation to drafting rules and editorial revision.

New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards Watch* readers—or at least be interesting to them. Contact the developer if you (a) want to be involved in the project, or (b) object to the project and wish it to be abandoned, or (c) if you would like to point out that its scope is covered by an existing standard, thereby possibly making the project redundant or conflicting.

BSR/ASSE Z459-201X, Safety Requirements for Rope Access Systems (new standard)

This standard sets forth accepted practices for rope access work. It is applicable for use in any environment where ropes are suspended from or connected to a structure or natural feature and used as the primary means of access, egress or support and as the primary means of secondary protection against a fall. This standard is not intended to apply to recreational use of ropes or to methods used by professional emergency response personnel, although persons engaged in such activities may benefit from the advice, principles, and practices herein. This is the same project as the originally proposed Z359.8 standard but the committee decided to change the numbering. For more information, contact Tim Fisher at TFisher@ASSE.org.

BSR/AWS B1.10M/B1.10-201x, Guide for the Nondestructive Examination of Welds (revision of ANSI/AWS B1.10M/B1.10-2016)

This guide acquaints the user with the nondestructive examination methods commonly used to examine weldments. The standard also addresses which method best detects various types of discontinuities. The methods included are visual, liquid penetrant, magnetic particle, radiographic, ultrasonic, electromagnetic (eddy current), and leak testing. For more information, contact John Douglass at jdouglass@aws.org.

BSR/AWS B1.11M/B1.11-201x, Guide for the Visual Examination of Welds (revision of ANSI/AWS B1.11M/B1.11-2014)

This guide contains information to assist in the visual examination of welds. Included are sections on fundamentals, surface conditions, and equipment. Sketches and full-color photographs illustrate weld discontinuities commonly found in welds. For more information, contact John Douglass at jdouglass@aws.org.

BSR/CSA C22.2 No. 19085-1-201x, Woodworking machines - Safety - Part 1: Common requirements (identical national adoption of ISO 19085-1)

This standard gives the safety requirements and measures to reduce risks related to woodworking machines arising during operation, adjustment, maintenance, transport, assembly, dismantling, disabling and scrapping - common to machines used in the woodworking industry. It is applicable to woodworking, stationary, and displaceable machines when they are used as intended and under conditions foreseen by the manufacturer. It is intended to be used in conjunction with other parts of ISO 19085, applicable to specific machine types. It is not applicable to machines intended for use in potential explosive atmospheres or machines manufactured prior to the date of its publication. For more information, contact Cathy Rake at cathy.rake@csagroup.org.

BSR/CSA C22.2 No. 19085-2-201x, Woodworking machines - Safety - Part 2: Horizontal beam panel circular sawing machines (identical national adoption of ISO 19085-2)

This standard gives the safety requirements for horizontal beam panel circular sawing machines with the saw carriage of the front cutting line mounted below the work-piece support, which are manually or powered loaded and/or manually unloaded, hereinafter referred to as “machines.” This standard deals with all significant hazards, hazardous situations and events, relevant to the machines when they are operated, adjusted, and maintained as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling, and scrapping phases have been taken into account. For more information, contact Cathy Rake at cathy.rake@csagroup.org.

BSR/CSA C22.2 No. 19085-3-201x, Woodworking machines – Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (identical national adoption of ISO 19085-3)

This standard gives the safety requirements and measures for stationary NC boring machines, NC routing machines and NC combined boring/routing machines (as defined in 3.1 of the standard), hereinafter referred to as “machines.” It deals with all significant hazards, hazardous situations and events as listed in Clause 4, relevant to the machines, when operated, adjusted, and maintained as intended, and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling,

disabling, and scrapping phases have been taken into account. For more information, contact Cathy Rake at cathy.rake@csagroup.org.

BSR/CSA C22.2 No. 19085-5-201x, Woodworking machines - Safety - Part 5: Dimension saws (identical national adoption of ISO 19085-5)

This part of ISO 19085 gives the safety requirements for stationary and displaceable dimension saws, hereinafter referred to as “machines,” designed to cut wood and material with similar physical characteristics to wood. This part of ISO 19085 deals with all significant hazards, hazardous situations and events, as listed in Clause 4, relevant to the machines when they are operated, adjusted, and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Transport, assembly, dismantling, disabling, and scrapping phases have also been taken into account. For more information, contact Cathy Rake at cathy.rake@csagroup.org.

BSR MH2-201x, Materials Handling (Containers) - Steel Drums (new standard)

Revision of standard for metal drums having a volume of 16-gallons (61-liters) or greater, to include terminology, dimensions, construction requirements, materials, and procedures. For more information, contact Susan Nauman at snauman@industrialpackaging.org.

BSR/UL 3003-201X, Standard for Safety for Distributed Generation Cables (new standard)

The requirements cover multi-conductor, nonintegrally jacketed, distributed generation (DG) cable. The cable is intended for use with specific distributed generation equipment/devices such as photovoltaic modules, inverters, solar trackers, etc. DG Cable is suitable for use between cable trays and utilization. These cables are constructed with or without: one bare or one or more insulated grounding conductor(s), and/or one or more twisted pairs used for signal or communication, all under an overall jacket. For more information, contact Linda Phinney at Linda.L.Phinney@ul.com.

BSR/UL 4041-201X, Standard for Safety for Outdoor Furniture (new standard)

This outline of investigation provides requirements for construction and testing of outdoor patio furniture such as tables, tables with umbrellas, chairs, lounge chairs, multi-seat products, love seats, benches, and loungers. Indoor furniture or outdoor furniture with electrical components should reference UL 962. This does not cover outdoor swings. For more information, contact Ritu Madan at ritu.madan@ul.com.

Final Actions on American National Standards

The documents listed below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator on the date noted.

ANSI/ASA S1.25-1991 (R2017), Specification for Personal Noise Dosimeters (reaffirmation and redesignation of ANSI S1.25-1991 (R2007)): 20 March 2017

ANSI/ASME B1.3-2007 (R2017), Screw Thread Gaging Systems for Acceptability: Inch and Metric Screw Threads (UN, UNR, UNJ, M, and MJ) (reaffirmation of ANSI/ASME B1.3-2007 (R2012)): 28 March 2017

ANSI/ASME B1.30-2002 (R2017), Screw Threads: Standard Practice for Calculating and Rounding Dimensions (reaffirmation of ANSI/ASME B1.30-2002 (R2012)): 28 March 2017

ANSI/ASME B18.2.4.3M-1979 (R2017), Metric Slotted Hex Nuts (reaffirmation of ANSI/ASME B18.2.4.3M-1979 (R2012)): 21 March 2017

ANSI/ASME B18.2.8-1999 (R2017), Clearance Holes for Bolts, Screws, and Studs (reaffirmation of ANSI/ASME B18.2.8-1999 (R2010)): 21 March 2017

ANSI/ASME B18.2.9-2010 (R2017), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010): 21 March 2017

ANSI/ASME B18.6.8-2010 (R2017), Thumb Screws and Wing Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.8-2010): 21 March 2017

ANSI/ASME B18.6.9-2010 (R2017), Wing Nuts (Inch Series) (reaffirmation of ANSI/ASME B18.6.9-2010): 21 March 2017

ANSI/ASME B18.11-1961 (R2017), Miniature Screws (reaffirmation of ANSI/ASME B18.11-1961 (R2010)): 21 March 2017

ANSI/ASME B18.22M-1981 (R2017), Metric Plain Washers (reaffirmation of ANSI/ASME B18.22M-1981 (R2010)): 21 March 2017

ANSI/ASME B18.27-1998 (R2017), Tapered and Reduced Cross Section Retaining Rings (Inch Series) (reaffirmation of ANSI/ASME B18.27-1998 (R2011)): 21 March 2017

ANSI/ASME B18.29.1-2010 (R2017), Helical Coil Screw Thread Inserts-Free Running and Screw Locking (Inch Series) (reaffirmation of ANSI/ASME B18.29.1-2010): 24 March 2017

ANSI/ASME B18.29.2M-2005 (R2017), Helical Coil Screw Thread Inserts - Free Running and Screw Locking (Metric Series) (reaffirmation of ANSI/ASME B18.29.2M-2005 (R2010)): 24 March 2017

ANSI/ASME B27.6-1972 (R2017), General Purpose Uniform Cross Section Spiral Retaining Rings (reaffirmation of ANSI/ASME B27.6-1972 (R2011)): 24 March 2017

ANSI/ASME B27.7-1977 (R2017), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (reaffirmation of ANSI/ASME B27.7-1977 (R2011)): 24 March 2017

ANSI/PMI 99-001-2017, The Standard for Project Management (revision of ANSI/PMI 99-001-2013): 21 March 2017

ANSI A326.3-2017, Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials (new standard): 22 March 2017

ANSI/UL 1678-2017, Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678 -2016c): 24 March 2017

ANSI/EIA 364-87B-2017, Nanosecond Event Detection Test Procedure for Electrical Connectors, Contacts and Sockets (revision and redesignation of ANSI/EIA 364-87A-2009): 3 April 2017

ANSI/NISO Z39.87-2006 (R2017), Data Dictionary – Technical Metadata for Digital Still Images (reaffirmation of ANSI/NISO Z39.87 -2006 (R2011)): 3 April 2017

Draft IEC & ISO Standards

This section lists proposed standards that the International Electromechanical Commission (IEC) or the International Organization for Standardization (ISO) are considering for approval. *Standards Watch* readers interested in reviewing and commenting on the document should order a copy from their national representative and submit their comments through them. Comments from US citizens on IEC documents should be sent to Charles T. Zegers at czegers@ansi.org. Comments from US citizens regarding ISO documents should be sent to Karen Hughes at isot@ansi.org. Any prices, if shown, are for purchases through ANSI; prices elsewhere may differ. The sort order is first by due date then by alphanumeric designation.

ISO/DIS 45001, Occupational health and safety management systems - Requirements with guidance for use – 14 May 2017, \$112.00

ISO/DIS 9004, Quality management - Quality of an organization - Guidance to achieve sustained success – 9 June 2017, \$125.00

ISO/DIS 10005, Quality management systems - Guidelines for quality plans – 14 June 2017, \$93.00

ISO/DIS 37106, Sustainable development and communities - Guide to establishing strategies for smart cities and communities – 11 June 2017, \$119.00

ISO/DIS 37120, Sustainable development in communities – Indicators for city services and quality of life – 11 June 2017, \$165.00

ISO/DIS 516, Camera shutters - Timing - General definition and mechanical shutter measurements – 19 April 2017, \$71.00

ISO/DIS 20768, Vapour products - Routine analytical vaping machine - Definitions and standard conditions – 17 June 2017, \$46.00

48B/2556/CD, IEC 60512-1 ED5: Connectors for electronic equipment - Tests and measurements - Part 1: General, 7 April 2017

48B/2559/CD, IEC 60512-23-3 ED2: Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 23-3: Test 23c: Shielding effectiveness of connectors and accessories, 5 May 2017

79/570/CDV, IEC 62676-5 ED1: Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices, 5 May 2017

Recently Published IEC & ISO Documents

Listed here are documents recently approved by the IEC and ISO. A list of standards resellers is available at <http://webstore.ansi.org/faq.aspx#resellers>.

IEC 61084-1 Ed. 2.0 b:2017, Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements, \$281.00

IEC 61084-2-1 Ed. 2.0 b:2017, Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings, \$164.00

IEC 61084-2-2 Ed. 2.0 b:2017, Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor, \$235.00

IEC 61084-2-3 Ed. 1.0 b:2017, Cable trunking systems and cable ducting systems for electrical installations - Part 2-3: Particular requirements - Slotted cable trunking systems intended for installation in cabinets, \$117.00

IEC GUIDE 118 Ed. 1.0 en:2017, Inclusion of energy efficiency aspects in electrotechnical publications, \$164.00

IEC GUIDE 119 Ed. 1.0 en:2017, Preparation of energy efficiency publications and the use of basic energy efficiency publications and group energy efficiency publications, \$164.00

TSP Meeting Schedule

The July meetings are scheduled to be at the Marriott Solana in Westlake, TX. The most up to date schedule can be found on the ESTA website at <http://tsp.esta.org/tsp/meetings/index.php>, where there is a "Reserve a Hotel Room" link.

Control Protocols E1.20 Task Group	13:30 – 16:00	Saturday 22 July 2017
Control Protocols E1.31 Task Group	14:00 – 18:00	Monday 24 July 2017
Control Protocols E1.33 Task Group	10:00 – 16:00	Sunday 23 July 2017
Control Protocols E1.37-4 Task Group	16:00 – 18:00	Saturday 22 July 2017
Control Protocols E1.37-5 Task Group	16:00 – 18:00	Sunday 23 July 2017
Control Protocols E1.59 Task Group	09:00 – 12:30	Saturday 22 July 2017
Control Protocols Plugfest	16:00 – 22:00	Friday 21 July 2017
	09:00 – 22:00	Saturday 22 July 2017
	09:00 – 22:00	Sunday 23 July 2017
	09:00 – 22:00	Monday 24 July 2017
	09:00 – noon	Tuesday 25 July 2017
Control Protocols Plugfest Roundtable 1	19:00 – 20:00	Sunday 23 July 2017
Control Protocols Plugfest Roundtable 2	19:00 – 20:00	Monday 24 July 2017
Control Protocols Working Group	09:00 – 13:00	Monday 24 July 2017
Electrical Power Working Group	09:00 – 13:00	Sunday 23 July 2017
Event Safety Working Group	14:00 – 18:00	Sunday 23 July 2017
Photometrics Working Group	14:00 – 18:00	Monday 24 July 2017
Rigging E1.6-3 Task Group	14:00 – 18:00	Saturday 22 July 2017
Rigging Working Group	19:00 – 23:00	Saturday 22 July 2017
Technical Standards Council	09:00 – 13:00	Tuesday 25 July 2017

ESTA Standards Watch

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