



worldwide standards for the entertainment industries

# PLASA Standards News

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## PLASA TSP Public Reviews

Eight (PLASA standards are in public review on the TSP website at [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php) through the end of the day 28 September 2015. Listed in order by working group, they are:

### Control Protocols Working Group

#### **BSR E1.31 - 20xx, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN**

This standard describes a mechanism to transfer DMX512-A packets over a TCP/IP network using a subset of the ACN protocol suite. It covers data format, data protocol, data addressing, and network management. It also outlines a synchronization method to help ensure that multiple sinks can process this data concurrently when supervised by the same controller. This revision includes the addition of DMX universe synchronization. The review runs through 28 September 2015; it is over when 29 September starts.

#### **BSR E1.33 – 20xx, Entertainment Technology -- (RDMnet) -- Message Transport and Device Management of ANSI E1.20 (RDM) over IP Networks**

This standard describes a method of implementing ANSI E1.20 Remote Device Management messaging over an IPv4 network. The primary anticipated use of the standard would be to complement ANSI E1.31 on an IPv4 entertainment lighting control network. This project was originally described as offering extensions to E1.31, but in fact the messages work alongside E1.31 in the same network environment. The review runs through 28 September 2015; it is over when 29 September starts.

### Electrical Power Working Group

#### **BSR E1.53 - 20xx, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice**

The standard covers specifications for the primary and secondary mounting devices for portable stage and studio luminaires and accessories. It also covers these mounting devices for special effects equipment (e.g. fog machines and bubble machines) that are often mounted along with lighting equipment on trusses and rigging system battens. The standard gives guidance on how to properly affix these mounting devices. The review runs through 28 September 2015; it is over when 29 September starts.

### Floors Working Group

#### **BSR E1.46 - 20xx, Standard for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms**

The users of theatrical stages and raised platforms can suffer debilitating injuries from falls into orchestra pits, open stage lifts, and similar openings in stage floors. Health and safety regulations require action to prevent these falls by employees, but offer little guidance that is suitable for theatrical environments. This document would provide that guidance for all people at risk, including employees. The review runs through 28 September 2015; it is over when 29 September starts.

### Rigging Working Group

#### **BSR E1.4-1 - 201x, Entertainment Technology Manual Counterweight Rigging Systems**

The current ANSI E1.4 – 2009 standard has been opened for revision. The intent is a suite of standards. BSR E1.4-1 applies to permanently installed, manually operated systems of stage rigging hardware for the raising, lowering, and suspension of scenery, lighting, and similar loads. The review runs through 28 September 2015; it is over when 29 September starts.

#### **BSR E1.22-201X, Entertainment Technology – Fire Curtain Safety Systems**

BSR E1.22-201x is a revision of the 2009 ANSI standard. It is being updated to better align it with the requirements stated in NFPA 80. The draft standard describes the materials, design, fabrication, installation, operation, testing, and maintenance of fire safety curtains and systems used for theatre proscenium opening protection. The review runs through 28 September 2015; it is over when 29 September starts.

#### **BSR E1.43 - 201X, Entertainment Technology - Performer Flying Systems**

This document establishes a minimum level of performance parameters for the design, manufacture, use, and maintenance of performer flying systems used in the production of entertainment events. The purpose of

this guidance is to achieve the adequate strength, reliability, and safety of these systems to ensure safety of the performer under all circumstances. The review runs through 28 September 2015; it is over when 29 September starts.

### **Stage Lifts Working Group**

#### **BSR E1.42 – 201x, Entertainment Technology–Safety Standard for Orchestra Pit Lifts**

Stage lifts, such as orchestra pit or theatre forestage lifts, are not the subject of any current national standard. As a result, safety requirements and inspections of them are inconsistent. E1.42 is being written to address this lack of a standard. The scope is limited to safety and to orchestra or forestage lifts that are installed as a part of the building and that are not custom-built for a single theatrical production. The review runs through 28 September 2015; it is over when 29 September starts.

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### **FCC Adopts Rules for Unlicensed Services in TV and 600 MHz Bands**

The Federal Communications Commission has adopted a Report and Order that modifies the Part 15 rules to permit unlicensed fixed and personal/portable white space devices and unlicensed wireless microphones to use channels in the 600 MHz and television broadcast bands. The Commission's Part 15 rules permit unlicensed devices to operate on unused TV channels, the so-called "white space" spectrum. More information is available at [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A1.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A1.docx), [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A2.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A2.docx), [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A3.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A3.docx), [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A4.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A4.docx), [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A5.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A5.docx), and [https://apps.fcc.gov/edocs\\_public/attachmatch/DOC-334757A6.docx](https://apps.fcc.gov/edocs_public/attachmatch/DOC-334757A6.docx).

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### **FCC Promotes Spectrum Access For Wireless Microphones**

On 11 August the FCC released a Report and Order, adopted one week earlier, that is designed to accommodate the long-term needs of wireless microphone users. The order provides additional opportunities for wireless microphone operations in the TV bands following the upcoming incentive auction, and provides new opportunities for wireless microphone operations to access spectrum in other frequency bands, where they can share use of the bands without harming existing users. The Report and Order, available at [https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-15-100A1.doc](https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-100A1.doc), runs 84 pages, and gives an explication of the possible use of other bands, besides the VHF and UHF TV bands, by wireless microphones, including the 88-108 MHz FM band, 169-172 MHz, 941-944 MHz, 944-952 MHz, 952-960, 902-928 MHz, 1435-1525 MHz, 1920-1930 MHz, 6875-7125 MHz, 2.4 GHz, 3.5 GHz, and 5 GHz bands.

Statements from the FCC Commissioners about this Report and Order can be found at

[https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-15-100A2.docx](https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-100A2.docx),  
[https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-15-100A3.docx](https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-100A3.docx),  
[https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-15-100A4.docx](https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-100A4.docx), and  
[https://apps.fcc.gov/edocs\\_public/attachmatch/FCC-15-100A5.docx](https://apps.fcc.gov/edocs_public/attachmatch/FCC-15-100A5.docx).

Commissioner Ajit Pai says, "In all seriousness, wireless microphones serve important purposes." So, there we have it: on the record, just so you know.

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### **Ofcom News: A framework for spectrum sharing**

Ofcom has published a consultation document proposing a framework for thinking about spectrum sharing that would offer a model for considering whether frequencies have the potential to be shared. (Yes, it's as baroque as that: a framework for thinking about a model for doing something.) By allowing different users to offer more wireless applications, spectrum sharing could bring benefits to citizens and consumers as well as contributing to optimal use of spectrum. The proposed framework would:

- identify barriers to sharing;
- include regulatory tools and market and technological enablers that have potential to facilitate further sharing; and,
- set out how sharing would be considered on a case-by-case basis, taking into account any existing

uses and proposed new uses.

Comments are requested before the consultation closes on 2 October. More information is available at <http://stakeholders.ofcom.org.uk/consultations/spectrum-sharing-framework/>.

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## LIGHTFAIR International Issues Call for Speakers

LIGHTFAIR International has issued a call for speakers for the 2016 conference and trade show. The submission deadline is listed as September 14 at 11:59 p.m. EST [*sic*]. (The United States and Europe will still be on Daylight Saving Time through the month of September, but what's an hour one way of the other?) More information is available at <http://www.lightfair.com/lightfair/V40/index.cvn?id=10301>.

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## 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 News* readers. If you have a problem with these notices, you can protest through your representative to the WTO. In the US, that is NIST ([notifyus@nist.gov](mailto:notifyus@nist.gov)). See <http://ec.europa.eu/enterprise/tbt/> for European TBT objections.

### United Arab Emirates Notification ARE/265

**Date issued:** 3 August 2015

**Agency responsible:** Emirates Authority for Standardization and Metrology (ESMA)

**National inquiry point:** Emirates Authority for Standardization and Metrology (ESMA)

**Products covered:** The use of hazardous materials in electronic and electrical devices

**Title:** Emirates control scheme to restrict the use of hazardous materials in electronic and electrical devices

**Description of content:** This scheme shall apply to the products falling under the categories as mentioned in annex 1 of the scheme. This scheme aims to restrict the use of hazardous substances in electrical and electronic equipment and contributes to the protection of human health and the environment. This scheme does not apply to:

- Products which are necessary for the protection of the essential interests of the security of the country, including arms, munitions and war material intended for specifically military purposes.
- Products designed to be sent into space.
- Products which are specifically designed, and are to be installed, as part of another type of equipment that is excluded or does not fall within the scope of this standard, which can fulfil its function only if it is part of that equipment, and which can be replaced only by the same specifically designed equipment.
- Large-scale stationary industrial tools.
- Large-scale fixed installations.
- Means of transport for persons or goods, excluding electric two-wheel vehicles which are not type-approved.
- Non-road mobile machinery made available exclusively for professional use.
- Active implantable medical devices.
- Photovoltaic panels intended to be used in a system that is designed, assembled and installed by professionals for permanent use at a defined location to produce energy from solar light for public, commercial, industrial and residential applications.
- Products specifically designed solely for the purposes of research and development only made available on a business-to-business basis.

**Objective and rationale:** Quality requirements; Protection of Human health or Safety; Prevention of deceptive practices and consumer protection

**Proposed date of adoption:** Not given by country

**Proposed date of entry into force:** Not given by country

**Final date for comments:** 3 October 2015

**Text:** [https://tsapps.nist.gov/notifyus/docs/wto\\_country/ARE/full\\_text/pdf/ARE265\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ARE/full_text/pdf/ARE265(english).pdf)

### Korea, Republic of Notification KOR/592

**Date issued:** 5 August 2015

**Agency responsible:** Ministry of Environment, Department of Chemicals Management

**National inquiry point:** Korean Agency for Technology and Standards (KATS), Ministry of Commerce, Industry and Energy (MOCIE) (KATS/MOCIE)

**Products covered:** Chemical substances

**Title:** Revised Enforcement Decree of the Act on Registration, Evaluation, etc. of Chemical Substances

**Description of content:** Name of Law: Enforcement Rules of the Act on Registration, Evaluation, etc. of Chemical Substances

Major Contents:

- For chemical substances for R&D, simplifying application dossiers for confirming the exemption from registration
- For chemical substances as reagent, giving wider time gap between each confirmation of the exemption from registration
- Enhancing the methods of designating a lead registrant for joint registration
- Improving procedures and methods that a person appointed by overseas manufacturer/producer submits a report
- Omitting items that are duplicated on the same document

**Objective and rationale:** To enhance or complement procedures or methods for implementation: simplification of application dossiers according to reporting and registration obligation under the current Act.

**Relevant documents:** MoE Public Notice No. 2015-540

**Proposed date of adoption:** 31 October 2015

**Proposed date of entry into force:** 31 October 2015

**Final date for comments:** 3 October 2015

**Text:** [https://tsapps.nist.gov/notifyus/docs/wto\\_country/KOR/full\\_text/pdf/KOR592\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR592(korean).pdf)

#### **Viet Nam Notification VNM/69**

**Date issued:** 7 August 2015

**Agency responsible:** Viet Nam Environment Administration, Ministry of Natural Resources and Environment

**National inquiry point:** WTO TBT Enquiry Point Vietnam

Products covered: General products

**Title:** Draft Circular regulating orders and procedures for verifying environment management system, environment-friendly facilities, environment-friendly products

**Description of content:** This draft Circular details: Clause 8 Article 141 Law on environment protection; Clause 6 Article 28, Clause 3 Article 44, Paragraph 12, 15 Appendix III Decree No.19/2015/NĐ-CP dated 14 February 2015 by the Government on detailing a number of articles of Law on environment protection, including:

- Sample report, orders and procedures for verifying environment management system
- Orders and procedures for certifying ecolabels to environment-friendly facilities
- Orders and procedures for certifying Vietnam green labels to environment-friendly products
- This draft Circular applies to agencies, organizations and individuals involved in activities relating to verification of environment management systems to facilities who manufacture, run business, do service (hereafter referred to as facilities) listed in category specified in Appendix II Decree 19/2015/NĐ-CP.
- This draft Circular applies to agencies, organizations and individuals involved in certification of ecolabels to environment-friendly facilities and affixation of Vietnam green labels to environment-friendly products.
- This draft Circular applies to agencies, organizations and individuals involved in certification of ecolabels to environment-friendly facilities and affixation of Vietnam green labels to environment-friendly products.

**Objective and rationale:** Environment protection

**Proposed date of adoption:** Not given by country

**Proposed date of entry into force:** Not given by country

**Final date for comments:** 6 October 2015

**Text:** [https://tsapps.nist.gov/notifyus/docs/wto\\_country/VNM/full\\_text/pdf/VNM69\(vietnamese\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/VNM/full_text/pdf/VNM69(vietnamese).pdf)

#### **Jamaica Notification JAM/53**

**Date issued:** 11 August 2015

**Agency responsible:** Bureau of Standards Jamaica (BSJ)

**National inquiry point:** Bureau of Standards Jamaica (BSJ)

**Products covered:** Property maintenance / construction

**Title:** Jamaican Standard Jamaica Application Document for the International Property Maintenance Code

**Description of content:** This document provides minimum maintenance requirements for existing buildings.

**Objective and rationale:** This document aims to outline minimum requirements to ensure public health, safety and welfare insofar as they are affected by the continued occupancy and maintenance of structures and premises.

**Relevant documents:** A notice of the Jamaican Standard Jamaica Application Document for the International Property Maintenance Code will appear in The Jamaica Gazette Supplement - Proclamations, Rules and Regulations. When adopted, the document will appear as a Jamaican Standard Specification, with mandatory status, and will be available for sale.

**Proposed date of adoption:** Not given by country

**Proposed date of entry into force:** Not given by country

**Final date for comments:** 10 October 2015

**Text:** [https://tsapps.nist.gov/notifyus/docs/wto\\_country/JAM/full\\_text/pdf/JAM53\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/JAM/full_text/pdf/JAM53(english).pdf)

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## 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](mailto:psa@ansi.org).

### Due 14 September 2015

#### **BSR/ASHRAE Addendum bg to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks** (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum adds engineering units; harmonizes Confirmed and Unconfirmed EventNotification message text handling; ensures Alert Enrollment objects do not send notifications that require acknowledgment; allows selection of the Nth last day of the month in a BACnetWeekNDay; removes initiation of GetEnrollmentSummary from AE-AS-A; ensures UTC\_Offset is configurable; clarifies ReadRange, clarifies the effect of changing Buffer\_Size; stops MS/TP nodes from sending Poll\_FOR\_MASTER frames to themselves; improves the Clause 12 preamble; and fixes the Notification\_Class property of the Notification Class object.

Single copy price: \$35.00

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

Send comments to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

#### **BSR/ASHRAE Addendum bh to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks** (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum corrects the application state machine failover and increases segmentation window size for MS/TP.

Single copy price: \$35.00

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

Send comments to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

#### **BSR/AWS B4.0-201x, Standard Methods for Mechanical Testing of Welds** (revision and redesignation of ANSI/AWS B4.0M-2007 (R2010))

This specification establishes standard methods for mechanical testing of welds. The significance of each test, test apparatus, preparation of the test specimens, and the test procedure are described. Example test results sheets are provided. It is beyond the scope of this document to define the required mechanical properties or acceptance criteria for the weld metal.

Single copy price: \$54.00

Order from: Stephen Hedrick, [steveh@aws.org](mailto:steveh@aws.org)

Send comments to: [aalonso@aws.org](mailto:aalonso@aws.org)

#### **BSR/IESNA RP-16-2005, Addendum c-201x, Nomenclature and Definitions for Illuminating Engineering - Addendum C** (revision of ANSI/IESNA RP-16 -2005, Addendum c-2009)

Advances in lighting technology (e.g. LEDs) have created new lighting terminology. Better measurement techniques have led to more international agreement in fundamental units and constants used in basic laws of physics. There is greater use of SI units today in illuminating engineering. This standard reflects these changes with several new terms and definitions, and revisions in existing definitions.

Single copy price: \$10.00

Order from and send comments to: Patricia McGillicuddy, (212) 248-5000, [pmcgillicuddy@ies.org](mailto:pmcgillicuddy@ies.org)

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

**Due 21 September 2015**

**BSR/AHRI Standard 370-201x, Sound Performance Rating of Large Air-Cooled Outdoor Refrigerating and Air-Conditioning Equipment** (revision of ANSI/AHRI Standard 370-2011)

This standard applies to the air-cooled outdoor portions of factory-made commercial and industrial large air-cooled outdoor refrigerating and airconditioning equipment greater than 40kW cooling capacity.

Single copy price: Free

Order from and send comments to: Daniel Abbate, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

**BSR/ASSE A1264.1-201X, Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrails Systems** (revision of ANSI/ASSE A1264.1-2007)

This standard sets forth safety requirements in industrial and workplace situations for protecting persons in areas/places where danger exists of persons or object falling through floor, roof, or wall openings, or from platforms, runways, ramps, and fixed stairs, or roof edges in normal, temporary, and emergency conditions.

Single copy price: \$57.00

Order from and send comments to: Tim Fisher, [TFisher@ASSE.Org](mailto:TFisher@ASSE.Org)

**BSR/AWS B2.2/B2.2M-201X, Specification for Brazing Procedure and Performance Qualification** (revision of ANSI/AWS B2.2/B2.2M-2009)

This specification provides the requirements for qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. The brazing processes included are torch brazing, furnace brazing, diffusion brazing, resistance brazing, dip brazing, infrared brazing, and induction brazing. Base metals, brazing filler metals, brazing fluxes, brazing atmospheres, and brazing joint clearances are also included.

Single copy price: \$40.00

Order from: Jennifer Rosario, [jrosario@aws.org](mailto:jrosario@aws.org)

Send comments to: Andrew Davis, [adavis@aws.org](mailto:adavis@aws.org)

**BSR/AWS C3.4M/C3.4-201x, Specification for Torch Brazing** (revision of ANSI/AWS C3.4M/C3.4-2007a)

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

Single copy price: \$28.00

Order from: John Douglass, [jdouglass@aws.org](mailto:jdouglass@aws.org)

Send comments to: Andrew Davis, [adavis@aws.org](mailto:adavis@aws.org)

**BSR/AWS C3.5M/C3.5-201x, Specification for Induction Brazing** (revision of ANSI/AWS C3.5M/C3.5-2007a)

This specification provides the minimum fabrication, and requirements for the induction brazing of materials such as steels, copper, copper alloys, and heat- and corrosion-resistant alloys as well as other materials that can be adequately induction brazed. Note that the induction brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing.

Single copy price: \$28.00

Order from: John Douglass, [jdouglass@aws.org](mailto:jdouglass@aws.org)

Send comments to: Andrew Davis, [adavis@aws.org](mailto:adavis@aws.org)

**BSR/AWS C3.6M/C3.6-201x, Specification for Furnace Brazing** (revision of ANSI/AWS C3.6M/C3.6-2007)

This specification presents the minimum fabrication and quality requirements for the furnace brazing of materials such as steels, stainless steels, nickel, nickel alloys, copper, copper alloys, and heat- or corrosion-resistant materials as well as other materials that can be adequately furnace brazed. Note that the furnace brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing.

Single copy price: \$28.00

Order from: John Douglass, [jdouglass@aws.org](mailto:jdouglass@aws.org)  
Send comments to: Andrew Davis, [adavis@aws.org](mailto:adavis@aws.org)

#### **Due 29 September 2015**

##### **BSR/ASME B30.28-201x, Balance Lifting Units** (revision of ANSI/ASME B30.28-2010)

B30.28 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of balance lifting units (balancers). Balancers are distinguished by their ability to float the load. This volume applies to balancers with fixed arm support (Fig. 28-0.1-1) and balancers with overhead flexible lifting medium (Fig. 28-0.1-2). This volume does not apply to balancers with autonomous operation or balancers used for lifting personnel, as these units require additional considerations, provisions, and features that are not included in this volume.

Single copy price: Free

Order from: Mayra Santiago, [ansibox@asme.org](mailto:ansibox@asme.org)

Send comments to: Kathryn Hyam, [hyamk@asme.org](mailto:hyamk@asme.org)

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## **Standards Australia Public Review Announcements**

Standards Australia has announced some draft standards for Australia that may be of interest to Standards News readers. These are identified as Australian standards, but they adoptions with modifications of ISO standards. The text of the base ISO standard is not provided. Standards Australia can be accessed at <http://www.standards.org.au/Pages/default.aspx>.

#### **Due 17 September 2015**

##### **DR AS 2316.2.1:2015, Artificial climbing structures and challenge courses Part 2.1: Flying foxes and challenge ropes courses—Construction and safety requirements**

This standard was prepared by the Standards Australia Committee SF-047, Artificial Climbing Structures. The objective of this Standard is to provide Australian designers, installers, proprietors and operating personnel with safety requirements for the construction and safety requirements of rope courses and their components, including flying foxes. This standard is an adoption with national modifications and has been reproduced from EN 15567-1:2007, Sports and recreational facilities—Ropes courses, Part 1: Construction and safety requirements, and has been varied as indicated to take account of Australian conditions.

##### **DR AS 2316.2.2:2015, Artificial climbing structures and challenge courses Part 2.2: Flying foxes and challenge ropes courses— Operation requirements**

This standard was prepared by the Standards Australia Committee SF-047, Artificial Climbing Structures. The objective of this Standard is to provide Australian owners, proprietors and operators with requirements for the operation of rope courses and their components, including flying foxes. This standard is an adoption with national modifications and has been reproduced from EN 15567-2:2007, Sports and recreational facilities—Ropes courses, Part 2: Operation requirements, and has been varied as indicated to take account of Australian conditions. The modifications are specified in Appendix ZZ.

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## **BSI Public Review Announcements**

BSI Standards has announced draft documents for public review that might be of interest to *Standards News* readers. The documents may be commented on at <http://drafts.bsigroup.com/>.

#### **Due 1 September 2015**

##### **PAS 3000, Smart Working – Code of Practice**

This PAS gives recommendations for establishing good practice for the implementation of Smart Working. It covers changes to working practices, culture, working environments and associated technology. It is intended for use by the public, private and not-for-profit sectors, for large organizations and small. I

#### **Due 9 September 2015**

##### **EN 16893, Conservation of Cultural Heritage. New sites and buildings intended for the storage and use of collections**

This draft European Standard gives specifications and guidance for the location, construction or adaptation of any form of building, or spaces within an existing building, specifically intended for internal storage and

use of all heritage collection types and formats (where use includes display or handling, etc.). Clauses relating to risks associated with security, environmental hazards, fire, water and pests apply to buildings as a whole and to any room in which collections may be held. This standard applies to buildings where collections are housed permanently and can be used as guidance for shorter-term display spaces where appropriate. Some of the clauses in this standard are applicable in protected historic buildings that contain collections. In these settings, the scope for any alterations or achievement of conditions suitable for collections may be limited by the historic character of the structure. This draft European Standard should be seen as supplementary to national or local building regulations and specifications.

#### **Due 11 September 2015**

##### **EN 16883, Conservation of Cultural Heritage - Guidelines for improving energy performance of historic buildings**

This European Standard provides guidelines for improving the energy performance of historic buildings, i.e. historically, architecturally or culturally valuable buildings, and reducing associated greenhouse gas emissions while respecting their heritage significance. The use of this standard is not limited to buildings with statutory heritage protection, but applies to historic buildings of all types and ages.

#### **Due 18 September 2015**

##### **EN 1496, Personal fall protection equipment. Rescue lifting devices**

This draft European Standard specifies requirements, test methods, marking and information supplied by the manufacturer for rescue lifting devices. Rescue lifting devices conforming to this draft European Standard are used as components of rescue systems. Rescue lifting devices in accordance with this draft European Standard may be combined with other components, e.g. descender devices for rescue (EN 341) or retractable type fall arresters (EN 360).

#### **Due 23 September 2015**

##### **EN 16897, Workplace exposure. Characterization of ultrafine aerosols/nanoaerosols. Determination of number concentration using condensation particle counters**

This European Standard gives guidelines on the measurement of the particle fraction of the aerosol. The gas phase will not be considered. For ultrafine aerosols and nanoaerosols, exposure metrics such as the number and surface area concentration could be important. This European Standard also gives guidelines for the determination of workplace exposure to ultrafine aerosols and nanoaerosols by measuring the particle number concentration with a condensation particle counter (CPC). However, a CPC measures up to several  $\mu\text{m}$  and does not discriminate between particles of different sizes or origin. Specifically, the CPCs, using different working fluids and technologies, are discussed. Principles of operation, problems of sampling in the workplace environment, aspects for selecting a suitable instrument, limits of application, calibration, equipment maintenance, measurement uncertainty, and reporting of measurement results are covered. Potential problems and limitations are described, which need to be addressed.

#### **Due 30 September 2015**

##### **EN 1069-1, Water slides — Part 1: Safety requirements and test methods**

This European Standard is applicable to all water slides installed in swimming pools of public use. This standard specifies general safety requirements for water slides in swimming pools of public use and specific requirements for defined types of water slides. These specific safety requirements are applicable also to not defined types as far as possible. These requirements concern safety and the technical rules for design, calculation and testing.

##### **EN 1069-2, Water slides. Part 2. Instructions**

This European Standard is applicable to water slides as defined in prEN 1069-1:2015, 3.3. This European Standard establishes the instructions for use, operation and maintenance as well as the documentation and commissioning of water slides.

##### **EN 16887, Leather. Environmental footprint. Product Category Rules (PCR). Carbon footprints**

The scope of this standard is to calculate the Product Carbon Footprint (PCF) of leather as defined in EN 15987 and sold in the semi-processed state or ready to be shipped for use in consumer articles manufacturing processes.

## CSA Public Review Announcements

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

### Due 25 August 2015

#### **C22.2 No. 250.570, Track Lighting** (new standard)

This Standard applies to wall and ceiling mounted track lighting systems, rated 347 V, 40 A max, incorporating incandescent, fluorescent, light emitting diodes and high intensity discharge lighting sources, intended to be installed in non-hazardous, dry locations in accordance with the Canadian Electrical Code, Part 1.

### Due 3 October 2015

#### **C22.2 No. 60065, Audio, video and similar electronic apparatus — Safety requirements** (new edition)

This is a Canadian adoption of the eighth edition of IEC 60065, with Canadian deviations.

### Due 7 October 2015

#### **Z767, Process Safety Management** (new standard)

This National Standard identifies the requirements of a Process Safety Management (PSM) system for facilities and worksites handling or storing potentially hazardous materials, either due to an inherent chemical, biological, toxicological or physical property, or due to its potential energy. This standard does not relate to materials made hazardous due to kinetic energy.

### Due 12 October 2015

#### **Z259.13, Manufactured horizontal lifeline systems** (new edition)

This Standard specifies requirements related to the performance, design, testing, labelling, and provision of instructions for manufactured single-span horizontal lifeline systems (HLL systems). These HLL systems are a component of a complete system for fall arrest.

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## New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards News* 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 ASIS PSO-201X, Private Security Officer (PSO) Selection and Training** (new standard)

The standard provides generic management requirements for PSO selection and training processes as well as guidance for good practices related to the selection, training, and use of private security officers. Generic parameters will address issues related to elements common to any program for managing the selection and training processes, while guidance will outline what is considered industry good practice. The standard is not intended for third-party certification of private security companies. Project Need: Private security officer (PSO) selection and training has been a topic of interest with much debate over the last 30 years. Various studies and research efforts have been undertaken to better define the role of a private security officer and also provide needed information for adequate selection and training of security officers. Parameters for PSO selection and training vary greatly by jurisdiction and company.

Contact: Aivelis Opicka, [standards@asisonline.org](mailto:standards@asisonline.org)

#### **BSR/AHRI Standard 210/240-201x, Performance Rating of Unitary Air-Conditioning and Air-Source Heat Pump Equipment** (revision of ANSI/AHRI Standard 210/240-2008 with Addenda 1 and 2-2011)

This standard applies to factory-made unitary air conditioners and air-source unitary heat pumps as defined in Section 3 of this standard. Project Need: The purpose of this standard is to establish, for unitary air conditioners and air-source unitary heat pumps: definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data; and conformance conditions. Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Contact: Daniel Abbate, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

**BSR/AHRI Standard 340/360 (I-P)-201x, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment (new standard)**

This standard applies to factory-made commercial and industrial unitary air-conditioning and heat-pump equipment as defined in Section 3 of this standard. This standard applies only to electrically operated, vapor-compression refrigeration systems. Project Need: The purpose of this standard is to establish for commercial and industrial unitary air-conditioning and heat-pump equipment: definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data; and conformance conditions.

Contact: Daniel Abbate, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

**BSR/AHRI Standard 341/361 (SI)-201x, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment (new standard)**

This standard applies to factory-made commercial and industrial unitary air-conditioning and heat-pump equipment as defined in Section 3 of this standard. This standard applies only to electrically operated, vapor-compression refrigeration systems. Project Need: The purpose of this standard is to establish for commercial and industrial unitary air-conditioning and heat pump equipment: definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data; and conformance conditions.

Contact: Daniel Abbate, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

**BSR/AISC 341.1-201x, Seismic Provisions for Evaluation and Retrofit of Structural Steel Buildings (new standard)**

This standard governs the seismic evaluation and retrofit of structural steel components of the seismic-force-resisting system of existing buildings. The requirements of these provisions shall apply to existing structural steel components of a building system, retrofitted steel components of a building system, and new structural steel components added to an existing building system. Project Need: Provides design procedures for the evaluation and retrofit of steel buildings in high seismic zones.

Contact: Cynthia Duncan, [duncan@aisc.org](mailto:duncan@aisc.org)

**BSR/GBI 01-201x, Green Building Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2010)**

The standard will include criteria and practices for environmentally preferable design and construction of commercial buildings. Up to six areas of green building design will be included: project management, site, energy, water, materials, and indoor environment.

Contact: Maria Woodbury, [maria@thegbi.org](mailto:maria@thegbi.org)

**BSR/IEEE 1735-201x/Cor 1-201x, Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) - Corrigendum 1: Correction to Rights Digest Description (new standard)**

The change will correct an inconsistency within section 7.4.3. The section contains a description of a rights digest followed by details on how to calculate it. The two do not match. Project Need: Without the correction, the contradiction in section 7.4.3 could lead to implementations that are not interoperable, defeating one of the key purposes of the standard.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 1849-201x, Standard for XES - eXtensible Event Stream - For Achieving Interoperability in Event Logs and Event Streams (new standard)**

The standard for eXtensible Event Stream (XES) defines a grammar for a tag-based language that provides designers of information systems with a unified and extensible methodology for capturing systems' behaviors by means of event logs and event streams. This standard includes a "XML Schema" describing the structure of an XES event log/stream and a "XML Schema" describing the structure of an extension of such a log/stream. The standard includes a basic collection of "XES extension" prototypes that provide standard semantics to specific attributes as recorded in the event log/stream.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 1912-201x, Standard for Privacy and Security Architecture for Consumer Wireless Devices (new standard)**

This standard describes a common communication architecture for diverse wireless communication devices such as, but not limited to, devices equipped with near field communication (NFC), home area network

(HAN), wireless area network (WAN) wireless personal area network (WPAN) technologies or radio frequency identification technology (RFID) considering proximity; and specifies approaches for end-user security through device discovery/recognition, simplification of user authentication, tracking items/people under user control/responsibility, and supports alerting.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 3030-201x, Standard for Consumer 3D Printing: Overview and Architecture** (new standard)

This standard defines an architectural framework for consumer 3D printing, including descriptions of various domains (systems, services, devices, participants, etc.), definitions of domain abstractions, and identification of commonalities between different domains. The architectural framework for consumer 3D printing provides a reference model that defines relationships among various domains and common architecture elements. It also provides a blueprint for data abstraction, quality, protection, and safety.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 802.11ay-201x, Standard for Information Technology - Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: Enhanced Throughput for Operation in License-Exempt Bands Above 45 GHz** (new standard)

This amendment defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 medium access control layer (MAC) that enables at least one mode of operation capable of supporting a maximum throughput of at least 20 gigabits per second (measured at the MAC data service access point), while maintaining or improving the power efficiency per station. This amendment defines operations for license-exempt bands above 45 GHz while ensuring backward compatibility and coexistence with legacy directional multi-gigabit stations (defined by the IEEE 802.11ad) operating in the same band.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 802.15.3e-201x, Standard for Information Technology - Local and Metropolitan Area Networks-- Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN) Amendment: High-Rate Close Proximity Point-to-Point Communications** (new standard)

This amendment defines a Physical (PHY) layer utilizing unlicensed 60 GHz spectrum and additions to the Medium Access Control (MAC) layer, which enable close-proximity (typically 10 cm or less) high-rate (up to 100 Gbps) communications with at least one mode of operation that is capable of achieving connection set-up times of 2 ms or less. Project Need: There is a growing need for systems supporting a rapid "touch and get" capability of large files such as feature-length 4K HD movies as well as other types of large file transfers in environments where there is potentially a high density of co-located devices, and doing so in 250 ms or less, including connection setup and tear down. No existing wireless communications standard is capable of supporting all of these requirements today.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/IEEE 802.3bz-201x, Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation** (new standard)

This amendment defines Ethernet Media Access Control (MAC) parameters, physical-layer specifications, and management objects for the transfer of Ethernet format frames at 2.5 Gb/s and 5 Gb/s over balanced twisted-pair transmission media used in structured cabling. Project Need: There is a need for greater than 1 Gb/s Ethernet connectivity over structured twisted pair wiring to serve existing and growing needs of IEEE Std 802.11ac-2013 based enterprise wireless access points that approach 2 Gb/s and 4 Gb/s for IEEE Std 802.11ac-2013 Wave 1 and Wave 2, respectively.

Contact: Lisa Weisser, [l.weisser@ieee.org](mailto:l.weisser@ieee.org)

**BSR/SPRI VF-1-201x, External Fire Design Standard for Vegetative Roof Systems** (revision of ANSI/SPRI VF-1-2010)

This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

Contact: Linda King, [info@spri.org](mailto:info@spri.org)

**BSR/TAPPI T 804 om-201x, Compression test of fiberboard shipping containers** (revision and redesignation of ANSI/TAPPI T 804 om -2012)

This method is used for measuring the ability of corrugated or solid fiber shipping containers to resist external compressive forces.

Contact: Charles Bohanan, [standards@tappi.org](mailto:standards@tappi.org)

**BSR/UL 2237-201x, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery** (new standard)

These requirements cover multi-point interconnection power cable assemblies. They may consist of power-cable assemblies, male and female power-cable fittings, panel-mounted power-cable/conductor fittings, and feeder-tap power-cable fittings used with industrial machinery in accordance with the National Fire Protection Association Electrical Standard for Industrial Machinery, NFPA 79, that have system voltages up to and including 1000 V.

Contact: Megan VanHeirseele, [Megan.M.VanHeirseele@ul.com](mailto:Megan.M.VanHeirseele@ul.com)

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## 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, as applicable.

**ANSI/ATIS 1000678.v3.2015**, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks, Version 3 (new standard): 21 July 2015

**ANSI/ATIS 1000013.v2-2015**, Lawfully Authorized Electronic Surveillance (LAES) For Internet Access and Services, Version 2 (revision of ANSI/ATIS 1000013.v2-2014): 21 July 2015

**ANSI/IEEE 1857-2013**, Standard for Advanced Audio and Video Coding (new standard): 21 July 2015

**ANSI/IEEE 1905.1-2013**, Standard for a Convergent Digital Home Network for Heterogeneous Technologies (new standard): 21 July 2015

**ANSI/IEEE 3006.7-2013**, Recommended Practice for Determining the Reliability of "24 x 7" Continuous Power Systems in Industrial and Commercial Facilities (new standard): 22 July 2015

**ANSI/IEEE 3006.9-2013**, Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems (new standard): 22 July 2015

**ANSI/IES DG-28-2015**, Guide for Selection, Installation, Operations and Maintenance of Roadway Lighting Control Systems (new standard): 23 July 2015

**ANSI/UL 2108-2015**, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2014): 16 July 2015

**ANSI/UL 2108-2015a**, Standard for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2014a): 16 July 2015

**ANSI/UL 2200-2015**, Standard for Safety for Stationary Engine Generators Assemblies (revision of ANSI/UL 2200-2014b): 29 July 2015

**ANSI/UL 2200-2015a**, Standard for Safety for Stationary Engine Generators Assemblies (revision of ANSI/UL 2200-2014b): 29 July 2015

**ANSI/UL 2353-2015**, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (Proposal dated 10-17-14) (revision of ANSI/UL 2353-2013): 16 July 2015

**ANSI/UL 2353-2015a**, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (Proposal dated 5-8-15) (revision of ANSI/UL 2353-2013): 16 July 2015

**ANSI/UL 61010-1-2015**, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Ballot dated 10-31-14) (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2012): 15 July 2015

**ANSI/UL 61010-2-051-2015**, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (identical national adoption of IEC 61010-2-051): 31 July 2015

**ANSI/UL 61010-2-061-2015**, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2 -061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (identical national adoption of IEC 61010-2-061): 31 July 2015

**ANSI/UL 61810-1-2015**, Standard for Safety for Electromechanical Elementary Relays - Part 1: General Requirements (national adoption with modifications of IEC 61810-1): 30 July 2015

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## Draft IEC & ISO Standards

This section lists proposed standards that the International Electromechanical Commission (IEC) and International Organization for Standardization (ISO) are considering for approval. *Standards News* readers interested in reviewing and commenting on the document should order a copy from their national representative and submit their comments through them. (The IEC and ISO don't want to hear from you directly; have your people talk to their people.) Comments from US citizens on IEC documents should be sent to Charles T. Zegers at [czegers@ansi.org](mailto:czegers@ansi.org). Comments from US citizens regarding ISO documents should be sent to Karen Hughes at [isot@ansi.org](mailto:isot@ansi.org). The notices are sorted by comment deadline.

**ISO/IEC DIS 14651**, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering, 21 August 2015, \$119.00

**25/545/DC**, Simplification of Electrical Engineering, 04 September 2015

**47A/974/FDIS, IEC 62132-1 Ed.2**: Integrated circuits - Measurement of electromagnetic immunity - Part 1: General conditions and definitions, 25 September 2015

**77/498/DTR, IEC TR 61000-4-1**: Electromagnetic Compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of the IEC 61000-4 series, 2 October 2015

**77C/245/FDIS, IEC 61000-4-24**: Electromagnetic Compatibility (EMC) - Part 4-24: Testing and measurement techniques - Test methods for protective devices for HEMP conducted disturbance, 2 October 2015

**ISO 14024/DAMd1**, Environmental labels and declarations - Type I environmental labelling - Principles and procedures - Amendment 1 – 25 October 2015, \$62.00

**ISO/DIS 29783-3**, Prosthetics and orthotics - Vocabulary - Part 3: Pathological gait (excluding prosthetic gait) – 25 October 2015, \$33.00

**23/718/NP, PNW 23-718**: General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements, 30 October 2015

**23/719/NP, PNW 23-719**: General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements, 30 October 2015

**23/720/NP, PNW 23-720**: General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up, 30 October 2015

**23/721/NP, PNW 23-721:** General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light industry environment, 30 October 2015

**23/722/NP, PNW 23-722:** General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industry environment, 30 October 2015

**48D/593/CD, IEC 60297-3-110/Ed1:** Mechanical structures for electrical and electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) Series - Part 110: residential racks and cabinets for intelligent houses, 30 October 2015

**48D/594/CD, IEC 61587-1/Ed4:** Mechanical structures for electrical and electronic equipment - Tests for IEC 60917 and IEC 60297 series - Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor condition use and transportation, 30 October 2015

**77B/736/CD, IEC 61000-4-39:** Electromagnetic compatibility (EMC) - Part 4-39: Testing and measurement techniques - Radiated fields in close proximity immunity test, 30 October 2015

**81/492/CD, IEC 62561-3 Ed.2:** Lightning Protection System Components (LPSC) - Part 3: Requirements for isolating spark gaps (ISG), 30 October 2015

**81/493/CD, IEC 62561-4 Ed.2:** Lightning Protection System Components (LPSC) - Part 4: Requirements for conductor fasteners, 30 October 2015

**ISO/DIS 16813,** Building environment design - Indoor environment - General principles, 30 October 2015, \$67.00

**107/267/DTS, IEC 62668-1 TS Ed.3:** Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components, 6 November 2015

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## Recently Published IEC & ISO Documents

Listed here are documents recently approved by the IEC and ISO. The prices shown are for purchases from ANSI's eStandards Store, <http://webstore.ansi.org/>. Prices elsewhere may be different. A list of standards resellers is available at <http://webstore.ansi.org/faq.aspx#resellers>.

**IEC 60086-SER Ed. 1.0 b:2015,** Primary batteries - ALL PARTS, \$1,092.00

**IEC 60086-1 Ed. 12.0 en:2015,** Primary batteries - Part 1: General, \$278.00

**IEC 60086-1 Ed. 12.0 en:2015,** Primary batteries - Part 1: General, \$334.00

**IEC 61800-2 Ed. 2.0 b:2015,** Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for low voltage adjustable speed a.c. power drive systems, \$363.00

**IEC 60947-3 Ed. 3.2 b:2015,** Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fusecombination units, \$605.00

**IEC 60947-3 Amd.2 Ed. 3.0 b:2015,** Amendment 2 – Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units, \$157.00

**IEC/TR 62357-200 Ed. 1.0 en:2015,** Power systems management and associated information exchange - Part 200: Guidelines for migration from internet Protocol version 4 (IPv4) to Internet Protocol version 6 (IPv6), \$339.00

**ISO 17096:2015,** Cranes - Safety - Load lifting attachments, \$200.00

**ISO 18435-3:2015**, Industrial automation systems and integration - Diagnostics, capability assessment and maintenance applications integration - Part 3: Applications integration description method, \$200.00

**ISO 18664:2015**, Traditional Chinese Medicine - Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine, \$88.00

**ISO/TR 12349-1:2015**, Road vehicles - Dummies for restraint system testing - Part 1: Adult dummies, \$51.00

**ISO/IEC 13818-1/Amd1:2015**, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Delivery of timeline for external data, FREE

**ISO/IEC 14496-3/Cor6:2015**, Information technology - Coding of audio-visual objects - Part 3: Audio - Corrigendum, FREE

**ISO/IEC 16350:2015**, Information technology - Systems and software engineering - Application management, \$265.00

**ISO/IEC 18033-1:2015**, Information technology - Security techniques - Encryption algorithms - Part 1: General, \$123.00

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## TSP Meeting Schedule

The following meetings are scheduled to be held in person at the Westgate Las Vegas Casino and Resort in beautiful, bucolic Las Vegas, Nevada. All times listed in PDT. WebEx remote attendance will be available. Please visit our website at <http://tsp.plasa.org/tsp/meetings/index.php> for the most up-to-date meeting schedule.

CPWG BSR E1.31 TG	14:00 - 17:00	Sunday 25 October 2015
CPWG BSR E1.33 TG	10:00 - 18:00	Monday 26 October 2015
Control Protocols Working Group	09:00 – 13:00	Thursday 22 October 2015
Electrical Power Working Group	19:00 - 22:00	Friday 23 October 2015
Floors Working Group	11:00 - 14:00	Wednesday 21 October 2015
Photometrics Working Group	08:00 - 10:00	Saturday 24 October 2015
Rigging Working Group	19:00 - 23:00	Wednesday 21 October 2015
Stage Lifts Working Group	15:00 - 18:00	Friday 23 October 2015
Technical Standards Council	15:00 - 18:00	Wednesday 21 October 2015

# PLASA Standards News

is distributed as a benefit to PLASA members and as a project announcement medium for PLASA's Technical Standards Program.

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