

# PLASA Standards News

Late May 2015 Volume 19, Number 10

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## E1.17 & E1.54 Approved and Published

On May 19, Assistant Technical Standards Manager Erin Grabe filled out and filed the BSR 9 forms with ANSI for the final approval of BSR E1.17, Entertainment Technology - Architecture for Control Networks (ACN), a revision to ANSI E1.17-2010, and BSR E1.54, PLASA Standard for Color Communication in Entertainment Lighting, a new standard. On May 21, two days later, we received notice from Anne Caldas, Secretary of the ANSI Board of Standards Review, that these two draft standards had been approved by the Board and are now ANSI E1.17-2015 and ANSI E1.54-2015.

Now ANSI E1.17 and ANSI E1.54 are published and available at <http://www.tsp.plasa.org/freestandards> for free download. They also are available for purchase for \$40 from either ANSI (<http://webstore.ansi.org/>) or IHS (<https://global.ihs.com/>).

## PLASA Public Reviews

Three draft standards are still available for public review on the PLASA TSP website at [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php). In order of comment closing date, they are:

**BSR E1.55, Standard for Theatrical Makeup Mirror Lighting.** This draft standard applies to lighting systems for makeup mirrors and makeup stations used by performers and makeup artists for applying makeup to performers in theatres and other performance venues. It describes the topology of the makeup

mirror lighting system, the quantity of light, the distribution of light from those sources, apparent source size, brightness, color rendering, and correlated color temperature. Comments are due before 23 June 2015.

**BSR E1.47, Entertainment Technology – Recommended Guidelines for Entertainment Rigging System Inspections.** The draft standard offers guidance on inspecting entertainment rigging systems, which are systems used to lift and support scenery, luminaires, and other equipment overhead in entertainment venues, such as theatres, video/film studios, amphitheatres, and arenas used for live performances or special events. The guidelines include recommended inspector qualifications and responsibilities, scope and frequency of inspections, content of the rigging inspection report, and related information concerning the inspection process. Comments must be returned before the "End Date" of 23 June 2015.

**BSR E1.37-2, Entertainment Technology - Additional Message Sets for ANSI E1.20 (RDM) – Part 2, IPv4 & DNS Configuration Messages.** This document is part 2 of the E1.37 project. It provides additional get/set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are intended for configuring network interfaces and Domain Name System settings on devices with an IPv4 address. As published, the current standard contains errors. The version being offered for public review corrects those errors. The review is over when 30 June 2015 starts. Comments should be submitted before that "End Date."

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## HSE's CDM Comment Period Closed

The UK's Health and Safety Executive (HSE) have closed the consultation period for the industry to submit comments on the first draft of their guidance for the application of Construction Design and Management (CDM) regulations to Entertainment. Publication of the guidance is forthcoming and will be announced.

At a recent meeting of the Joint Advisory Committee for Entertainment, the HSE re-iterated that their enforcement policy will be proportionate to the risks. However, there have been reports of some local authorities transposing the control measures seen at large construction sites onto small, live-event sites. This was reported to the HSE who have informed PLASA that they would welcome any reports of application to these sites. If any PLASA members do consider that CDM enforcement by local authorities is being applied disproportionately, they may send details to the PLASA Technical Resources office, at [tr@plasa.org](mailto:tr@plasa.org), which can then be passed to the HSE.

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## World Standards Day Video Competition

The International Electrotechnical Commission, the International Organization for Standardization, and the International Telecommunication Union have launched a World Standards Day super-short video competition (15 seconds maximum). The challenge calls on participants to "imagine a world without standards," without telephone codes, country and currency codes, and access to the Internet, for example. IEC, ISO, and ITU will select the top ten best videos based on relevance, understanding, creativity, and originality, and whether applicants meet all of the rules. Videos must be submitted between 1 June and 10 July 2015. For more information on the competition, please visit <http://www.worldstandardscooperation.org/world-standards-day/world-standards-day-2015/>

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## Plugfest Returns to Texas

The next PLASA Control Protocols Plugfest will be held July 24 through 27 at the Marriott Solana in Westlake, TX, near the Dallas Forth-Worth Airport. Plugfests are informal gatherings that give engineers and software developers the opportunity to test their product's interoperability with a wide variety of other products using PLASA's protocols. Recent Plugfests have focused on RDM (E1.20) and Streaming ACN (E1.31), along with prototype implementations of RDMnet (E1.33).

The Control Protocols Plugfest is being held in conjunction with the July 2015 PLASA Technical Standard Program meetings. Participation in the Plugfest is free, and open to anyone who has an interest in the standards developed by the PLASA Control Protocols Working Group (CPWG).

See the PLASA TSP meeting schedule at <http://tsp.plasa.org/tsp/meetings/index.php> for hours, location, and information on hotel registration. Answers to questions and further information can be found at the Control

Protocol Forums, <http://www.rdmprotocol.org/forums/>, or by emailing [sblair@rdmprotocol.org](mailto:sblair@rdmprotocol.org). Registration is not required, but please send a note if you plan to bring a lot of equipment or large equipment.

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## WTO Technical Barrier to Trade Notification

The U.S. Department of Commerce's service, Notify U.S., recently has announced a WTO Technical Barrier to Trade notice that may be of interest to *Standards News* readers. If you have a problem with this notice, 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.

### Japan Notification JPN/487

**Date issued:** 18 May 2015

**Agency responsible:** Ministry of Health, Labour and Welfare (MHLW)

**National inquiry point:** Standards Information Service, International Trade Division, Economic Affairs Bureau, Ministry of Foreign Affairs (MOFA)

**Products covered:** Substances listed in Appended Table 9 of Enforcement Order of Industrial Safety and Health Act and preparations containing them, etc.

**Title:** Amendment to Enforcement Order of Industrial Safety and Health Act and related ordinances

**Description of content:** Enforcement Order of Industrial Safety and Health Act and related ordinances are to be partially amended to increase the number of the substances which business operators are obligated to label designated matters on a container or a package to put into when the substances are transferred or provided. [The list of 633 items includes common materials such as ethanol, ammonium chloride, carbon black, acetic acid, mineral oil, mineral spirits, tungsten, titanium, tin, copper, and much more.]

**Objective and rationale:** In order to prevent health impairment of workers due to harmful chemical substances.

**Relevant documents:** The Industrial Safety and Health Law. These amendments are to be publicised in "KAMPO" (Official Government Gazette) when adopted.

**Proposed date of adoption:** 1 June 2015

**Proposed date of entry into force:** 1 June 2016

**Final date for comments:** 1 June 2015

**Full text:** [https://tsapps.nist.gov/notifyus/docs/wto\\_country/JPN/full\\_text/pdf/JPN487\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/JPN/full_text/pdf/JPN487(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 July 2015

#### **BSR/IESNA RP-27.1-201x, Recommended Practice for Photobiological Safety of Lamps and Lamp Systems - General Requirements** (revision of ANSI/IESNA RP-27.1-2005)

This recommended practice covers the evaluation and control of optical radiation hazards from all electrically powered sources of optical radiation that emit in the wavelength form 200 nm to 3,000 nm except for light emitting diodes (LEDs) used in optical fiber communications systems and for lasers which are covered in a separate series of ANSI standards (series Z136).

Single copy price: \$25.00

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

#### **BSR/UL 60065-201x, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements** (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2013)

The proposed eighth edition of the Standard for Audio, Video and Similar Electronic Apparatus - Safety Requirements, UL 60065. This new edition is based on the Eighth Edition of IEC 60065. Technical changes to the IEC Standard have been incorporated into the new edition of the UL Standard. National differences from the Seventh Edition of UL 60065 were reviewed and updated in the new edition.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000, <http://www.comm-2000.com>

Send comments to: Barbara Davis, [Barbara.J.Davis@ul.com](mailto:Barbara.J.Davis@ul.com)

**BSR/UL 61800-5-1-201X, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy** (national adoption of IEC 61800-5-1 with modifications and revision of ANSI/UL 61800-5-1-2015)

Proposed revisions cover: Annex DVC for accessible secondary circuits; conductor temperature limit during the temperature test; plenum-rated drive requirements; addition of thermal memory retention tests in table 17dv; revision to input/output wiring for breakdown of components tests; clarification of the breakdown of components test - high fault currents specification; revisions to Table 28DV; revision to the semiconductor fuse marking; elimination of 30 A ground fuse in short circuit testing; clarification for speed sensitivity test; and editorial corrections.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000, <http://www.comm-2000.com>

Send comments to: Megan Sepper, [Megan.M.Sepper@ul.com](mailto:Megan.M.Sepper@ul.com)

**Due 6 July 2015**

**BSR/ACCA 6 QR-201x, Restoring the Cleanliness of HVAC Systems** (revision of ANSI/ACCA 6 QR-2007)

This revised standard establishes minimum criteria for the cleaning of HVAC systems that require cleaning activities beyond those performed in normal HVAC maintenance and servicing. The standard also outlines the procedures to control contaminants, which may be released during or after the cleaning process, and to provide methods to verify system cleanliness.

Single copy price: Free

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

Send comments (with Required Response Form) to: Dick Shaw, [standardssec@acca.org](mailto:standardssec@acca.org)

**BSR/ASABE S623 MONYEAR-201x, Determining Landscape Plant Water Demands** (new standard)

This methodology will provide an estimate of plant water demands of permanently installed, non-production based, established landscape materials. The standard will provide minimum water demands for acceptable plant appearance and function. This standard does not cover plants for sports fields, golf courses, or food production. This methodology is applicable for planning, design, and management of planted landscape areas as defined in Section 3. It is assumed throughout this standard that the soil around the plants in question are wetted uniformly by precipitation or irrigation.

Single copy price: \$55.00

Order from and send comments to: Carla VanGilder, [vangilder@asabe.org](mailto:vangilder@asabe.org)

**BSR ASIS/RIMS RA.1-201X, Risk Assessment** (new standard)

Organizations, of all types and sizes can use the concepts and guidance of this standard to conduct risk assessments supporting their risk management activities.

Single copy price: \$100.00

Order from and send comments to: Aivelis Opicka, [standards@asisonline.org](mailto:standards@asisonline.org)

**BSR/ASSE A10.43-201x, Confined Space Entry for Construction and Demolition Operations** (new standard)

Sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers to be followed while entering, exiting and working in confined spaces at atmospheric pressure.

Single copy price: \$50.00

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

**BSR/ASSE A10.4-201x, Safety Requirements for Personnel Hoists on Construction and Demolition Sites** (revision of ANSI/ASSE A10.4-2007)

This standard applies to the design, construction, installation, operation, inspection, testing, maintenance, alterations and repair of hoists and elevators that (1) are not an integral part of buildings, (2) are installed inside or outside buildings or structures during construction, alteration, demolition or operations, and (3) are used to raise and lower workers and other personnel connected with or related to the structure. These personnel hoists and employee elevators may also be used for transporting materials under specific circumstances defined in this standard.

Single copy price: \$50.00

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

**BSR/ISEA 107-201x, High-Visibility Safety Apparel and Accessories** (revision of ANSI/ISEA 107-2010)

This standard specifies performance requirements for high-visibility safety apparel and accessory PPE. Performance requirements are included for color, retroreflection, and minimum areas and design of retroreflective and combined-performance materials used in the construction of high-visibility garment configurations.

Single copy price: \$60.00

Order from and send comments to: Cristine Fargo, [cfargo@safetyequipment.org](mailto:cfargo@safetyequipment.org)

**BSR/NECA 301-201X, Standard for Installing and Testing Fiber** (revision and redesignation of ANSI/NECA/FOA 301-2010)

This standard describes procedures for installing and testing cabling networks that use fiber optic cables and related components to carry signals for communications, security, control, and similar purposes. It defines a minimum level of quality for fiber optic cable installations.

Single copy price: \$40.00

Order from and send comments to: Sofia Arias, [sofia.arias@necanet.org](mailto:sofia.arias@necanet.org)

**Due 21 July 2015****BSR/ASME B18.2.2-201x, Nuts for General Applications: Machine Screw Nuts, Hex, Square, Hex Flange, and Coupling Nuts (Inch Series)** (revision of ANSI/ASME B18.2.2-2010)

This standard is intended to cover the complete general and dimensional data for the various types of inch series square and hex nuts, including machine screw nuts and coupling nuts, recognized as American National Standard. Also included are appendices covering gaging of slots in slotted nuts, wrench openings for nuts, and formulas on which dimensional data are based. It should be understood, however, that where questions arise concerning acceptance of product, the dimensions in the tables shall govern over recalculation by formula. The inclusion of dimensional data in this standard is not intended to imply that all of the products described in this standard are stock production sizes. Consumers are requested to consult with manufacturers concerning lists of stock production sizes.

Single copy price: Free

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

Send comments to: Calvin Gomez, [gomezcc@asme.org](mailto:gomezcc@asme.org)

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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 13 July 2015****ISO 26261-1 - Fireworks Part 1: Terminology**

This ISO standard defines various terms relating to the design, construction, primary packaging and testing of category 4 fireworks.

**ISO 26261-2 - Fireworks Part 2: Requirements**

This international standard specifies requirements for the construction, performance and protective packaging of Category 4 fireworks, as listed in ISO 26261-1. This International Standard does not apply for articles containing pyrotechnic compositions that include any of the following substances: arsenic or arsenic compounds; polychlorobenzenes; lead or lead compounds (except for igniters); mercury compounds; white phosphorus; picrates or picric acid. This international standard does not apply for theatrical pyrotechnic articles which are designed for indoor or outdoor stage use, including film and television productions or similar use--but maybe Standards News readers will find this interesting.

**ISO 26261-3, Fireworks — Category 4 — Part 3: Test methods**

This document specifies test methods for fireworks of category 4.

**ISO 26261-4 - Fireworks Part 4: Minimum labelling requirements and instructions for use**

This international standard specifies the minimum labelling requirements and the mandatory instructions for use for category 4 fireworks. This international standard does not apply for theatrical pyrotechnic articles which are designed for indoor or outdoor stage use, including film and television productions or similar use--but maybe Standards News readers will find it interesting.

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## 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 18 June 2015

#### **C61000-3-14 - Electromagnetic Compatibility (EMC) –Part 3-14: Assessment of emission limits for harmonics, interharmonics, voltage fluctuations and unbalance for the connection of disturbing installations to LV power systems** (new standard)

This part of IEC 61000, which is informative in its nature, provides guidance on principles that can be used as the basis for determining the requirements for the connection of disturbing installations to low voltage ( $\leq 1$  kV) public power systems. For the purposes of this part of IEC 61000, a disturbing installation means an installation (which may be a load or a generator) that produces disturbances: harmonics and/or interharmonics, voltage flicker and/or rapid voltage changes, and/or voltage unbalance. The primary objective is to provide guidance to system operators or owners for engineering practices, which will facilitate the provision of adequate service quality for all connected customer installations. In addressing installations, this report is not intended to replace equipment standards for emission limits. This technical report only applies to installations connected to LV public power systems that supply or may supply other LV loads or installations. It is intended to apply to large installations exceeding a minimum size. This minimum size is to be specified by the system operator or owner depending on the system characteristics.

### Due 13 July 2015

#### **Z13857 - Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs** (Adoption without deviations) (new standard)

This International Standard establishes values for safety distances in both industrial and non-industrial environments to prevent machinery hazard zones being reached. The safety distances are appropriate for protective structures. It also gives information about distances to impede free access by the lower limbs (see 4.3).

### Due 14 July 2015

#### **C22.2 No. 89 - Swimming-Pool Luminaires, Submersible Luminaires and Accessories** (new edition)

This standard applies to submersible lighting systems and associated components for installation in accordance with the *Canadian Electrical Code, Part I* that are:

- (a) permanently connected to branch circuit; or
- (b) portable type, cord-connected or direct plug-in type

This standard covers submersible lighting systems for connection to a supply circuit of not more than 150 V, intended for swimming pools, spas, hot tubs, fountains, decorative pools, waterfalls, and similar submersible applications. It applies to the following associated components:

- Isolating-type power supply;
- Double insulated power supply;
- One or more luminaire assemblies of the incandescent, fluorescent, CFL, HID or any LED technology type;
- Flexible cable and associated connectors intended for use in the secondary circuit;
- Junction and deck boxes for swimming pool luminaires;
- Junction boxes for submersible lighting systems; and
- Forming shells for use with wet-niche luminaires.

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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/AWS A5.10/A5.10M-201x (ISO 18273-2004 MOD), Welding Consumables - Wire Electrodes, Wires and Rods for Welding of Aluminum and Aluminum-Alloys - Classification** (identical national adoption of ISO 18273:2004 and revision of ANSI/AWS A5.10/A5.10M:2012 (ISO 18273:2004 MOD))

This standard specifies requirements for classification of solid wires and rods for fusion welding of aluminum and aluminum alloys. The classification of the solid wires and rods is based on their chemical composition.  
Contact: Rakesh Gupta, [gupta@aws.org](mailto:gupta@aws.org)

**BSR/AWS A5.14/A5.14M:201x (ISO 18274:2010 MOD), Welding Consumables - Solid Wire Electrodes, Solid Strip Electrodes, Solid Wires and Solid Rods for Fusion Welding of Nickel and Nickel-Alloys - Classification** (national adoption of ISO 18274:2010 with modifications and revision of ANSI/AWS A5.14/A5.14M:2011)

This standard specifies requirements for classification of solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys. The classification of the solid wire electrodes, solid strip electrodes, solid wires and solid rods is based on their chemical composition.  
Contact: Rakesh Gupta, [gupta@aws.org](mailto:gupta@aws.org)

**BSR/NECA 130-201X, Standard for Installing and Maintaining Wiring Devices** (revision of ANSI/NECA 130-2010)

This standard describes the installation and maintenance procedures for wiring devices.  
Contact: Sofia Arias, [sofia.arias@necanet.org](mailto:sofia.arias@necanet.org)

**BSR/NECA 169-201X, Standard for Installing and Maintaining Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs)** (revision of ANSI/NECA 169-2010)

This standard describes the installation and maintenance procedures for arc-fault circuit interrupters (AFCIs) and ground-fault circuit interrupters (GFCIs).  
Contact: Sofia Arias, [sofia.arias@necanet.org](mailto:sofia.arias@necanet.org)

**BSR/NECA 700-201X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination** (revision of ANSI/NECA 700-2010)

This standard describes the application procedures for installing low-voltage overcurrent protective devices to achieve selective coordination.  
Contact: Sofia Arias, [sofia.arias@necanet.org](mailto:sofia.arias@necanet.org)

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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/ASME B18.2.3.6M-1979**, Metric Heavy Hex Bolts (withdrawal of ANSI/ASME B18.2.3.6M-1979 (R2006)): 6 May 2015

**ANSI/BPI-1200-S-2015**, Standard Practice for Basic Analysis of Buildings (new standard): 6 May 2015

**ANSI/NSF 350-2015** (i6r1), Wastewater treatment systems - Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2012): 1 May 2015

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## Draft IEC Standards

This section lists proposed standards that the International Electromechanical Commission (IEC) is 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 plebs directly.) Comments from US citizens on IEC documents should be sent to Charles T. Zegers at [czegers@ansi.org](mailto:czegers@ansi.org). The notices are sorted by comment deadline.

**34C/1143/CDV, Amendment 1 to IEC 61347-2-13 Ed.2:** Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules, 14 August 2015

**34D/1170/DC, Proposal to amend IEC 60570:2003 of SC 34D** - Electrical supply track systems for luminaires, 7 August 2015

**65C/813/CD, IEC 62948 Ed 1.0:** Industrial networks - Wireless communication network and communication profiles - WIA-FA, 24 July 2015

**65B/1004/CD, IEC 61131-2 Ed 4.0:** Programmable Controllers - Part 2: Equipment requirements and tests, 14 August 2015

**3/1222/NP,** Preparation of instructions for use - Structuring, content and presentation - Part 2 Provisions for instructions for self-assembly products, 7 August 2015

**46/555/FDIS, IEC 61935-2-24/Ed 1.0:** Generic Cabling Systems - Specification for the Testing of Balanced Communication Cabling in Accordance with ISO/IEC 11801, Part 2-24: Cord and work area cord category 7A - Blank detail specification, 26 June 2015

**46/556/FDIS, IEC 61935-2-23/Ed 1.0:** Generic Cabling Systems - Specification for the Testing of Balanced Communication Cabling in Accordance with ISO/IEC 11801, Part 2-23: Cord and work area cord category 7 - Blank detail specification, 26 June 2015

**65/594/CD, IEC 61010-2-201 Ed. 2.0:** Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular requirements for control equipment, 26 June 2015

**69/368/DTS, IEC 62840-1 Ed.1:** Electric vehicle battery swap system - Part 1: General and guidance, 07 August 2015

**69/370/FDIS, IEC 61980-1/Ed.1:** Electric vehicle wireless power transfer systems (WPT) - Part 1: General requirements, 10 July 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>.

**ISO/TS 37151:2015,** Smart community infrastructures - Principles and requirements for performance metrics, \$240.00

**ISO/IEC 10646/Amd1:2015,** Information technology - Universal Coded Character Set (UCS) - Amendment 1: Cherokee supplement and other characters, \$149.00

**ISO/IEC 15444-5/Amd2:2015,** Information technology - JPEG 2000 image coding system: Reference software - Amendment 2, \$22.00

**ISO/IEC 23003-2/Amd1:2015,** Information technology - MPEG audio technologies - Part 2: Spatial Audio Object Coding (SAOC) - Amendment 1: SAOC conformance, \$22.00

**ISO/IEC 23003-2/Amd2:2015,** Information technology - MPEG audio technologies - Part 2: Spatial Audio Object Coding (SAOC) - Amendment 2: SAOC reference software, \$22.00

**ISO/IEC 23003-3/Amd2/Cor1:2015,** Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 2 - Corrigendum, FREE

**ISO/IEC 23003-3/Amd2:2015,** Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 2: Reference software, \$22.00

**ISO/IEC 15149-2:2015,** Information technology - Telecommunications and information exchange between systems - Magnetic field area network (MFAN) - Part 2: In-band Control Protocol for Wireless Power Transfer, \$173.00

**ISO/IEC 23008-2:2015,** Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding, \$265.00

**IEC 60529 Ed. 2.2 b cor.2:2015**, Corrigendum 2 - Degrees of protection provided by enclosures (IP Code), \$0.00

**IEC 62733 Ed. 1.0 b:2015**, Programmable components in electronic lamp controlgear - General and safety requirements, \$278.00

**IEC 62640 Ed. 1.1 b:2015**, Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses, \$339.00

**IEC 62640 Amd.1 Ed. 1.0 b:2015**, Amendment 1 - Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses, \$14.00

**IEC/TR 62710 Ed. 1.0 en:2015**, Residual current devices (RCDs) associated with additional functions(s) [technical report], \$206.00

**ISO/IEC 10646/Amd1:2015**, Information technology - Universal Coded Character Set (UCS) - Amendment 1: Cherokee supplement and other characters, \$149.00

**IEC 62769-1 Ed. 1.0 b:2015**, Field device integration (FDI) - Part 1: Overview, \$230.00

**IEC 62769-2 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 2: FDI Client, \$387.00

**IEC 62769-4 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 4: FDI Packages, \$351.00

**IEC 62769-6 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 6: FDI Technology Mapping, \$206.00

**IEC 62769-7 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 7: FDI Communication Devices, \$339.00

**IEC 62769-103-1 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS, \$230.00

**IEC 62769-103-4 Ed. 1.0 b:2015**, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET, \$254.00

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## TSP Meeting Schedule

The following meetings are scheduled to be held in person at the Marriott Solana in Westlake, TX, unless otherwise noted. All times listed in CDT, unless otherwise noted. WebEx remote attendance will be available. Please visit <http://tsp.plasa.org/tsp/meetings/index.php> for the most up to date meeting schedule and for a link where you can reserve a hotel room in Westlake.

Control Protocols Plugfest	16:00 - 23:00	Friday 24 July 2015
	09:00 - 22:00	Saturday 25 July 2015
	09:00 - 22:00	Sunday 26 July 2015
	09:00 - noon	Monday 27 July 2015
Control Protocols Working Group	09:00 - 13:00	Saturday 25 July 2015
CPWG BSR E1.37-4 Firmware Uploads TG	14:00 - 16:00	Friday 24 July 2015
CPWG BSR E1.33 RDMnet TG	14:00 - 16:00	Saturday 25 July 2015
CPWG BSR E1.37-5 General Purpose PIDs TG	14:00 - 16:00	Saturday 25 July 2015
Electrical Power Working Group	19:00 - 22:00	Thursday 23 July 2015
Floors Working Group	14:00 - 18:00	Thursday 23 July 2015
Fog & Smoke Working Group	19:00 - 23:00	Friday 24 July 2015
Photometrics Working Group	14:00 - 18:00	Friday 24 July 2015
Rigging Working Group	09:00 - 13:00	Friday 24 July 2015

RWG BSR E1.43 Performer Flying TG	19:00 - 23:00	Thursday 23 July 2015
RWG BSR E1.56 Rigging Points TG	14:00 - 23:00	Friday 24 July 2015
Stage Lifts Working Group	14:00 – 17:00 (EDT)	Thursday, 11 June 2015 (by WebEx only)
	14:00 - 18:00	Saturday 25 July 2015
Technical Standards Council	09:00 - 13:00	Sunday 26 July 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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