

# PLASA Standards News

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## Table of Contents

Five PLASA Public Reviews.....	1
A Call to Connect.....	2
NFPA Publishes NEC Report on Proposals, Opens Comment Period.....	2
EC Launches Public Consultation Affecting Wireless Mics and Cameras.....	3
WTO Notifications.....	3
United States of America Notification USA/584/USA (USA/584, Add.1, Add.2, ) .....	3
ANSI Public Review Announcements.....	4
Due 10 September 2012.....	4
Due 17 September 2012.....	4
Due 25 September 2012.....	5
Due 2 October 2012.....	5
New ANS Projects.....	6
Final Actions on American National Standards.....	7
Newly Published ISO/IEC Standards.....	7
TSP Meeting Schedule.....	9

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## Five PLASA Public Reviews

Five draft standards are posted for public review on the PLASA website. They may be downloaded for free at [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php). The reviews are listed here in order of the last day to comment. Please note that the "Review End Date" shown on the website is the date at which the review has ended, is finished.

### **BSR E1.21 - 201x, Entertainment Technology — Temporary Ground-Supported Structures Used to Cover the Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events.**

ANSI E1.21 is being revised to cover the design, manufacture, and use of all the portable structures (not only roofs) used to support scenery, lighting, and sound equipment, and to cover the stages in the production of outdoor entertainment events. Excluded are structures for the public, such as audience bleachers and food vendor stands. The last day to comment is September 24

### **BSR E1.39 - 201x, Entertainment Technology – Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry.**

BSR E1.39 is a new standard to establish minimum requirements for the selection and use of personal fall arrest systems on portable structures in the entertainment industry. It also establishes minimum requirements for manufacturers and owners of these structures being used as work platforms. The purpose of the document is to provide employers and workers methods for protecting workers in the entertainment industry that meet or exceed current standards for industrial fall protection. The last day to comment is September 24.

### **BSR E1.37-2 - 201x, Additional Message Sets for ANSI E1.20 (RDM) – Part 2, IPv4 & DNS Configuration Messages.**

This draft standard 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. The last day to comment is October 1.

**BSR E1.45 - 201x, Transport of IEEE 802 data frames over ANSI E1.11 (DMX512-A).** This new standard defines a minimal method to transport IEEE 802 data frames over ANSI E1.11 physical links using an Alternate START Code. The primary motivation is to allow communication of 802 data to luminaires over an ANSI E1.11 DMX512-A datalink for data transmission from those luminaires using Visible Light Communication, IEEE 802.15.7. However, this standard may be used to transport any 802 data for any purpose. The last day to comment is October 1.

**BSR E1.35 - 201x, Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use.** E1.35 describes a method for measuring stage and studio luminaire lens quality with particular emphasis on contrast and perceived image quality (sharpness). It also offers a way for presenting these results on a datasheet in a format that is readily understood by a typical end-user. The procedure specified in this draft is slightly different and more accurate than the procedure specified in the published 2007 edition. The last day to comment is October 8.

## **A Call to Connect**

In keeping with tradition, PLASA announces the PLASA Control Protocol Pavilion for the LDI 2012 Show, to be held at the Las Vegas Convention Center, October 19 - 21. Formerly called the Connectivity Pavilion, this pavilion at booth 2041 provides a demonstration area for manufacturers' implementations of PLASA's ANSI standards used throughout the lighting control industry. By bringing together various pieces of equipment in a neutral area, we are able to show the public how various manufacturers' products can be integrated, and demonstrate that the protocols worked on by these member manufacturers are viable and available for use in today's applications and specifications.

PLASA is putting a call out to all manufacturers around the world who wish to supply product for this year's Pavilion. PLASA is looking for controllers, signal distribution, fixtures, accessories, monitoring, and other forms of equipment that implement current standards, including, but not limited to, ANSI E1.11 (DMX512-A), ANSI E1.17 (ACN), ANSI E1.20 (RDM), ANSI E1.31 (sACN), and others. A participation interest form is available at [http://tsp.plasa.org/tsp/PLASA\\_StandardsNews/ResponseForm2012.pdf](http://tsp.plasa.org/tsp/PLASA_StandardsNews/ResponseForm2012.pdf).

For further information or answers to questions regarding this year's Pavilion, please contact Bill Ellis, President of Candela Controls, at [bellis@candelacontrols.com](mailto:bellis@candelacontrols.com).

## **NFPA Publishes NEC Report on Proposals, Opens Comment Period**

The *Report on Proposals* for the 2014 edition of the *National Electrical Code*, NFPA 70, has been published and is available at <http://www.nfpa.org/AboutTheCodes/AboutTheCodes.asp?docnum=70&tab=nextedition>. The period to comment on the proposals and NFPA's response them is now open until 17 October 2012.

Changes to Article 520, Theaters, Motion Picture and Television Studios, and Similar Locations, have been proposed and tentatively accepted. Definitions have been added for stage equipment, stage switchboard, and stage lighting hoist. Requirements for stage switchboards have been clarified and references to obsolete open-backed switchboards removed. Requirements for the newly-defined stage lighting hoists have been added. Allowances have been made for the use of hard usage cords (type SJ and derivatives) rather than extra-hard usage cords on luminaires under certain conditions.

Of course, there's more. The full ROP runs over 1000 pages and 13 megabytes, but the articles most likely to be of interest to *Standards News* readers cover only seven pages: pages 70-600 through 70-606. There you will see a proposal that was rejected to require 6 mA GFCI protection on carnival, circus, and fair electrical circuits rated up to 250 volts and 60 amperes, three-phase as well as single-phase, and a proposal that was accepted to raise the maximum permissible voltage in motion picture and television studio substations to accommodate the higher voltages likely to be found with photovoltaic and wind-powered generating systems.

Information on how to comment and a link to the NFPA comment form also are available at <http://www.nfpa.org/AboutTheCodes/AboutTheCodes.asp?docnum=70&tab=nextedition>. Comments must be submitted on the appropriate form in the format specified. Commenters need to be specific about what they

want changed, how it should be changed with suggested wording, and why the change is an improvement or resolves a problem. Comments will be rejected if they are not specific or are not supported.

## EC Launches Public Consultation Affecting Wireless Mics and Cameras

The European Commission has launched a public consultation to collect views on options for EU-wide harmonization of spectrum and its technical harmonization conditions affecting the use of wireless microphones and cordless video-cameras in the program-making and special events industry (*Standards News* readers' industry). The Commission is currently considering the 821-832 MHz and 1785-1805 MHz ranges. The consultation's outcome will be used as input for an impact assessment, from which the Commission will then decide on next steps. The consultation closes on 21 August 2012. The Commission's announcement of the consultation and a link to the stakeholder questionnaire is available at <http://plasa.me/iplr6>.

PLASA's Technical Resources Manager, Ron Bonner, has studied the issue and notes several problems that people should consider when offering comments. Among them are (a) the apparent notion in the EC's Information Society and Media Directorate-General that all PMSE wireless devices currently operating in the 470-862 MHz range can re-tune to another range with little cost-impact; and (b) the spectrum available for PMSE will approach zero when the LTE mobile phone allocations plus White Space Devices plus the proposed second Digital Dividend reallocating the 700 MHz band are all considered. His argument is available on the PLASA website at <http://plasa.me/mggd5>. If you make your living working with wireless audio or video, you should check it out.

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## WTO Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced a meeting under the WTO Technical Barriers to Trade that may be of interest to *Standards News* readers.

### United States of America Notification USA/584/USA (USA/584, Add.1, Add.2, )

**Date issued:** 1 August 2012

**Corrigendum type:** Addendum

**Correction type:** Correction with full text

**Corrigendum:** TITLE: Energy Conservation Standards for Commercial and Industrial Electric Motors: Public Meeting and Availability of the Preliminary Technical Support Document

**Agency:** Office of Energy Efficiency and Renewable Energy, Department of Energy

**Action:** Notice of public meeting and availability of preliminary technical support document

**Summary:** The U.S. Department of Energy (DOE or Department) will hold a public meeting to discuss and receive comments on the following: the equipment classes DOE plans to analyse for the purpose of amending energy conservation standards for certain commercial and industrial electric motors under section 342(b) of the Energy Policy and Conservation Act (EPCA), as amended; the analytical framework, models, and tools that DOE plans to use to evaluate standards for this type of equipment; the results of preliminary analyses performed by DOE for this equipment; and the potential energy conservation standard levels derived from these analyses, which DOE may consider for this equipment. DOE also encourages interested parties to submit written comments on these subjects. To inform interested parties and facilitate the public meeting and comment process, DOE has prepared an agenda, a preliminary technical support document (TSD), and briefing materials, which are available at:

[http://www1.eere.energy.gov/buildings/appliance\\_standards/commercial/electric\\_motors.html](http://www1.eere.energy.gov/buildings/appliance_standards/commercial/electric_motors.html)

**Dates:** The Department will hold a public meeting on Tuesday, 21 August 2012, from 9:00 a.m. to 4:00 p.m. in Washington, DC. Any person requesting to speak at the public meeting should submit such request, along with an electronic copy of the statement to be given at the public meeting, before 4:00 p.m., Tuesday, 7 August 2012. (Too late already. That was only six days after the notice was filed.) Written comments are welcome, especially following the public meeting, and should be submitted by 7 September 2012.

**Addresses:** The public meeting will be held at the U.S. Department of Energy, Forrestal Building, Room 8E-089, 1000 Independence Avenue SW., Washington, DC 20585-0121. Interested persons may submit comments, identified by the notice title (Notice of Public Meeting (NOPM) for Energy Conservation

Standards for Commercial and Industrial Electric Motors under section 342(b) of the Energy Policy and Conservation Act (EPCA)), and provide the docket number (EERE-2010-BT-STD-0027) and/or the regulatory information number ((RIN) 1904-AC28).

Please note that foreign nationals wishing to participate in the public meeting are subject to advance security screening procedures. Foreign national wishing to participate in the public meeting, needed to contact Ms. Brenda Edwards at (202) 586-2945 not later than 7 August 2012, which is already in the past. to provide sufficient time to complete the required screening process.

**Full text:** <http://www.gpo.gov/fdsys/pkg/FR-2012-07-23/html/2012-17878.htm>

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## **ANSI Public Review Announcements**

The following recent ANSI public review announcements are likely to be of interest to *Standards News* readers. Please send your comments before the deadline to the person indicated and to the Board of Standards Review at the American National Standards Institute, [psa@ansi.org](mailto:psa@ansi.org).

### **Due 10 September 2012**

#### **BSR/TIA 4957.200-201x, Layer 2 Standard Specification for the Smart Utility Network** (new standard)

This is the second part of a multi-part standard specification for the smart utility network. This part covers OSI Layer 2, including the MAC, DLL and forwarding sub-layers for networks with a wireless mesh topology. Single copy price: \$104.00

Order from and send comments to: [standards@tiaonline.org](mailto:standards@tiaonline.org)

#### **BSR/TIA 4963-201x, Electrical Characteristics of Reversible Balanced Voltage Digital Interface Circuits** (new standard)

This new standard is an enhanced version of TIA-485-A, Electrical Characteristics of Balanced Voltage Digital Interface Circuits. The new standard accommodates generators and receivers that are immune of the interchange of binary signals in multipoint interconnection of digital equipment. When implemented within the guidelines of this Standard, multiple generators and receivers may be attached to a common interconnecting cable. The generators and receivers operate with no errors if the balanced interconnecting cables are connected normally or with the differential signal wires reversed. It is planned that users reference this Standard for the point-to-point interchange of binary signals between equipment and components at signaling rates up to 5 Mbps over a single differential transmission line of nominal test load of 60. Higher rates and different transmission line impedance are possible in optimal application.

Single copy price: \$82.00

Order from and send comments to: [standards@tiaonline.org](mailto:standards@tiaonline.org)

### **Due 17 September 2012**

#### **BSR/CSA Z741-201x, Geological storage of carbon dioxide** (new standard)

Standard applies to the storage of carbon dioxide (CO<sub>2</sub>) streams in geological media; promotes environmentally safe and long-term containment of carbon dioxide in a way that minimizes risks to the environment and human health; includes the safe design, construction, operation, maintenance, and closure of storage sites; and provides recommendations for the development of management documents, community engagement, risk assessment, and risk communication. (Underground CO<sub>2</sub> storage isn't likely to be part of PLASA member business, but it could affect member business. See <http://plasa.me/1qis6>.)

Single copy price: \$175.00

Order from and send comments to: Cathy Rake, [cathy.rake@csagroup.org](mailto:cathy.rake@csagroup.org)

#### **INCITS/ISO/IEC 26300-2007 (R201x), Information technology - Open Document for Office Applications (OpenDocument) v1.0** (reaffirmation of INCITS/ISO/IEC 26300-2007)

ISO/IEC 26300:2006 defines an XML schema for office applications and its semantics. The schema is suitable for office documents, including text documents, spreadsheets, charts, and graphical documents. (This is the OpenOffice and LibreOffice file format.)

Single copy price: \$30.00

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

Send comments to: Barbara Bennett, (202) 626 -5743, [bbennett@itic.org](mailto:bbennett@itic.org)

**BSR/PMI 08-002-201x, Standard for Program Management - Third Edition** (revision of ANSI/PMI 08-002-2008)

The Standard for Program Management, Third Edition, provides guidelines for managing programs within an organization. It defines program management and related concepts, describes the program management life cycle, and outlines related processes.

Single copy price: Free!

Order from and send comments to: Quynh Woodward, [quynh.woodward@pmi.org](mailto:quynh.woodward@pmi.org)

**Due 25 September 2012**

**BSR/IEEE 1484.13.1-201x, Standard for Learning Technology - Conceptual Model for Resource Aggregation for Learning, Education, and Training** (new standard)

This standard defines a conceptual model for interpreting externalized representations of digital aggregations of resources for learning, education, and training. The conceptual model defines a set of concepts and the relationships among them and is expressed as a formal ontology. Internal compositions and uses of digital resources are not specified nor are processing methods for resource aggregations.

Single copy price: 140.00 (pdf); \$175.00 (printed)

Order from: IEEE, <http://standards.ieee.org/store>

Send comments to: Karen Evangelista, [k.evangelista@ieee.org](mailto:k.evangelista@ieee.org)

**ARMA TR 21-2012, Using Social Media in Organizations** (technical report)

This technical report complements ANSI/ARMA 18-2011, Implications of Web-Based, Collaborative Technologies in Records Management. Topics include: governance; infrastructure/technology; processes and controls; change management; training; and audit/evaluation. It offers implementation advice on social media use within the context of accepted records and information management best practices and effective governance policy. This technical report does not provide advice unique to e-commerce settings or consumers/private individuals and it is not industry or sector-specific.

Single copy price: \$TBD

Order from and send comments to: Nancy Barnes, [standards@armaintl.org](mailto:standards@armaintl.org)

**ASQ Z1 TR1-2012, Guidelines for performing a self-assessment of a quality management system.**

**Related to ANSI/ISO/ASQ 9004:2009** (technical report)

In 2009, the International Organization for Standardization (ISO) released a new edition of ISO 9004 titled "Managing for the sustained success of an organization – A quality management approach." ISO 9004:2009 articulates quality management system elements that should be considered to ensure the long term survivability of an organization. The thrust of the 2009 edition goes beyond stating minimum requirements for a quality management system (QMS) and even beyond being a guideline for performance improvements. It was designed and developed to provide guidance on establishing, deploying and improving processes that will ensure the sustainable success of an organization.

Single copy price: \$48.00 (ASQ members); \$60.00 (Non-members)

Order from and send comments to: [standards@asq.org](mailto:standards@asq.org)

**Due 2 October 2012**

**BSR/ASME Y14.1-201x, Decimal Inch Drawing Sheet Size and Format** (revision of ANSI/ASME Y14.1-2005 (R2010))

This standard defines decimal inch sheet sizes and formats for engineering drawings.

Single copy price: Free!

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

Send comments to: Fredric Constantino, [constantinof@asme.org](mailto:constantinof@asme.org)

**BSR/ASME Y14.1M-201x, Metric Drawing Sheet Size and Format** (revision of ANSI/ASME Y14.1M-2005 (R2010))

This standard defines metric sheet size and formats for engineering drawings.

Single copy price: Free!

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

Send comments to: Fredric Constantino, [constantinof@asme.org](mailto:constantinof@asme.org)

**BSR/ASME Y14.24-201x, Types and Applications of Engineering Drawings** (revision of ANSI/ASME Y14.24-1999 (R2009))

This standard defines the types of engineering drawings most frequently used to establish engineering requirements. It describes typical applications and minimum content requirements. Drawings for specialized engineering disciplines, e.g., marine, civil, construction, optics, etc., are not included in this standard.

Single copy price: Free

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

Send comments to: Fredric Constantino, [constantinof@asme.org](mailto:constantinof@asme.org)

**BSR/ASSE Z359.13-201X, Personal Energy Absorbers and Energy Absorbing Lanyards** (revision of ANSI/ASSE Z359.13-2009)

This standard establishes requirements for the performance, design, marking, qualification, instructions, inspection, maintenance and removal from service of energy absorbing lanyards and personal energy absorbers for users within the capacity range of 130 to 310 pounds (59 to 140 kg.).

Single copy price: \$80.00

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

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## New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards News* readers. Please contact the person listed if you are interested in more information or in becoming involved. You also may contact the developer if you object to the project and wish it to be abandoned, or if you would like to point out that its scope is covered by an existing standard, so the project might be redundant or conflicting.

**BSR HP 6-201x, Electrical and Electronic Silicone and Silicone Braided Insulated, Hook-Up Wire, Types S (600V), ZHS (600V), SS (1000V), ZHSS (1000V), SSB Braided (1000V)** (new standard)

This standard publication covers specific requirements for silicone rubber insulated stranded wire, designed to the internal wiring of high reliability electrical and electronic equipment. This standards publication addresses 600 V (Type S, ZHS) and 1000 V (Type SS, ZHSS, and SSB) wire and permits continuous conductor temperature ratings of -55 C to +150 C with tin-coated copper or -55 C to +200 C with silver-coated copper.

Contact: Ryan Franks, [ryan.franks@nema.org](mailto:ryan.franks@nema.org)

**BSR/NEMA WD 6-201x, Wiring Devices - Dimensional Specifications** (revision of ANSI/NEMA WD 6-2002 (R2008))

This standard covers dimensional requirements for plugs and receptacles rated up to 60 A and 600 V.

Contact: Andrei Moldoveanu, [and\\_moldoveanu@nema.org](mailto:and_moldoveanu@nema.org)

**BSR/TA-STD-0018-201x, Safety Requirements for Safety Critical Computing Systems** (new standard)

This document provides generic safety design requirements and guidelines for the design and development of systems in which computing systems have or potentially have safety critical applications. These requirements and guidelines are designed such that, if properly implemented, they will reduce the risk of the computing system causing an unsafe condition, malfunction of a fail-safe system, or non-operation of a safety function.

Contact: Anne Mwai, [amwai@techamerica.org](mailto:amwai@techamerica.org)

**BSR/TIA 4957.210-201x, Multi-Hop Delivery Specification of a Data Link Sub-Layer** (new standard)

This project completes the necessary multi-hop protocol for mesh networks in Layer 2 of the TR-51 Smart Utility Network standard.

Contact: Teesha Jenkins, [standards@tiaonline.org](mailto:standards@tiaonline.org)

**BSR/UL 2799-201x, Standard for Sustainability for Waste Minimization Reporting and Assessment of Zero Waste Operations** (new standard)

This standard will provide a framework for the evaluation of singular facilities or organizations such as municipalities relative to their waste minimization achievements. The standard will address the impact of all

materials entering and leaving a facility or organization with the exception of finished goods. This standard will describe the process for validating "Landfill Diversion Rate" calculations and claims (including, but not limited to, "Zero Waste to Landfill" claims) for individual facilities.

Contact: Tim Corder, [William.T.Corder@ul.com](mailto:William.T.Corder@ul.com)

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## Final Actions on American National Standards

The actions noted below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator. Final actions can include withdrawals as well as the adoption of new standards and the revision or reaffirmation of existing standards.

**ANSI/IEEE 802.22-2011**, Standard for Wireless Regional Area Networks - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands (new standard): 26 July 2012

**ANSI/IEEE 802.3bd-2011**, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD Access Method and Physical Layer Specifications - Amendment: MAC Control Frame for Priority-Based Flow Control (supplement to ANSI/IEEE 802.3-2009): 25 July 2012

**INCITS/ISO/IEC 14496-1:2012**, Information technology - Coding of audio-visual objects - Part 1: Systems (identical national adoption of ISO/IEC 14496-1:2010 and revision of INCITS/ISO/IEC 14496-1 -2007, 14496-1:2004/AM1-2009, 14496-1:2004/AM2-2009, and 14496-1:2004/AM3-2009): 26 July 2012

**INCITS/ISO/IEC 14496-3:2012**, Information technology - Coding of audio-visual objects - Part 3: Audio (identical national adoption of ISO/IEC 14496-3:2009 and revision of INCITS/ISO/IEC 14496-3 -2007): 26 July 2012

**INCITS/ISO/IEC 16262:2012**, Information technology - Programming languages, their environments and system software interfaces - ECMAScript language specification (identical national adoption of ISO/IEC 16262:2011 and revision of INCITS/ISO/IEC 16262:2002 (R2007)): 26 July 2012

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## Newly Published ISO/IEC Standards

Listed here are standards recently approved by ISO (the International Organization for Standardization) and the IEC (the International Electrotechnical Commission). The prices shown are the list prices in Swiss francs.

**CISPR 16-SER ed1.0**, Specification for radio disturbance and immunity measuring apparatus and methods - ALL PARTS. CHF 3864.- (about \$3,955 US)

**IEC 60287-3-2 ed2.0**, Electric cables - Calculation of the current rating - Part 3-2: Sections on operating conditions - Economic optimization of power cable size. CHF 200.00

**IEC 60432-3 ed2.0**, Incandescent lamps - Safety specifications - Part 3: Tungsten halogen lamps (non-vehicle). CHF 180.00

**IEC 60947-4-1 ed3.1**, Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters. CHF 490.00

**IEC 60947-4-1-am1 ed3.0**, Amendment 1 - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters. CHF 120.00

**IEC 60947-4-2 ed3.0**, Corrigendum 1 - Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters. Free (corrections are always free)

**IEC 61347-2-9 ed2.0**, Lamp controlgear – Part 2-9: Particular requirements for electromagnetic controlgear for discharge lamps (excluding fluorescent lamps). CHF 270.00

**IEC 61915-2 ed1.0**, Corrigendum 1 - Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 2: Root device profiles for starters and similar equipment. Free

**IEC 61987-11 ed1.0**, Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 11: List of Properties (LOP) of measuring equipment for electronic data exchange - Generic structures. CHF 240.00

**IEC 62035 ed1.2**, Discharge lamps (excluding fluorescent lamps) - Safety specifications. CHF 300.00

**IEC 62035-am2 ed1.0**, Amendment 2 - Discharge lamps (excluding fluorescent lamps) - Safety specifications. CHF 40.00

**IEC 62439-3 ed2.0**, Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR). CHF 280.00

**IEC 62477-1 ed1.0**, Safety requirements for power electronic converter systems and equipment - Part 1: General. CHF 310.00

**ISO/IEC 10967-1 ed2.0**, Information technology -- Language independent arithmetic -- Part 1: Integer and floating point arithmetic. CHF 224.00

**ISO/IEC 14496-12 ed4.0**, Information technology -- Coding of audio-visual objects -- Part 12: ISO base media file format. CHF 252.00

**ISO/IEC 14496-15 ed1.0**, Corrigendum 2 - Information technology -- Coding of audio-visual objects -- Part 15: Advanced Video Coding (AVC) file format. Free

**ISO/IEC 14496-3-am3 ed1.0**, Amendment 3 - Information technology -- Coding of audio-visual objects -- Part 3: Audio - Transport of unified speech and audio coding (USAC). CHF 16.00

**ISO/IEC 14496-4-am38 ed1.0**, Corrigendum 1 - Amendment 38 - Information technology -- Coding of audio-visual objects -- Part 4: Conformance testing - Conformance testing for Multiview Video Coding - Amendment 38 - Information technology -- Coding of audio-visual objects -- Part 4: Conformance testing. Free

**ISO/IEC 14496-5-am10 ed1.0**, Corrigendum 6 - Amendment 10 - Information technology -- Coding of audio-visual objects -- Part 5: Reference software - SSC, DST, ALS and SLS reference software - Amendment 10 - Information technology -- Coding of audio-visual objects -- Part 5: Reference software. Free

**ISO/IEC 15045-2 ed1.0**, Information technology - Home electronic system (HES) gateway - Part 2: Modularity and protocol. CHF 128.00

**ISO/IEC 15444-12 ed4.0**, Information technology -- JPEG 2000 image coding system -- Part 12: ISO base media file format. CHF 252.00

**ISO/IEC 15444-9 ed1.0**, Corrigendum 3 - Information technology -- JPEG 2000 image coding system: Interactivity tools, APIs and protocols. Free

**ISO/IEC 17024 ed2.0**, Conformity assessment -- General requirements for bodies operating certification of persons. CHF 108.00

**ISO/IEC 18000-61 ed1.0**, Information technology -- Radio frequency identification for item management -- Part 61: Parameters for air interface communications at 860 MHz to 960 MHz Type A. CHF 196.00

**ISO/IEC 18000-62 ed1.0**, Information technology -- Radio frequency identification for item management -- Part 62: Parameters for air interface communications at 860 MHz to 960 MHz Type B. CHF 172.00

**ISO/IEC 18000-64 ed1.0**, Information technology -- Radio frequency identification for item management -- Part 64: Parameters for air interface communications at 860 MHz to 960 MHz Type D. CHF 146.00

**ISO/IEC 27033-2 ed1.0**, Information technology -- Security techniques -- Network security -- Part 2: Guidelines for the design and implementation of network security. CHF 122.00

**ISO/IEC 9899 ed1.0**, Corrigendum 1 - Information technology -- Programming languages -- C. Free

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## TSP Meeting Schedule

The Stage Lifts Working Group meets by Webex generally on the second Monday of each month. For more information, contact Kurt Pragman at [Kurt@pragmanassociates.com](mailto:Kurt@pragmanassociates.com).

The meetings shown below will be held at the Las Vegas Hotel (formerly called the Las Vegas Hilton, formerly called the International Hotel) in conjunction with the LDI trade show.

Control Protocols Working Group	09:00 - noon	Thursday 18 October 2012
Electrical Power Working Group	19:00 - 23:00	Friday 19 October 2012
Floors Working Group	14:00 - 17:00	Thursday 18 October 2012
Fog & Smoke Working Group	09:00 - 11:00	Wednesday 17 October 2012
Photometrics Working Group	08:00 - 10:00	Friday 19 October 2012
Rigging Working Group	19:00 - 23:00	Wednesday 17 October 2012
Rigging BSR E1.21 Outdoor Structures TG	08:00 - noon	Wednesday 17 October 2012
Rigging BSR E1.43 Performer Flying TG	14:00 - 18:00	Wednesday 17 October 2012
	08:00 - 17:00	Thursday 18 October 2012
Rigging BSR E1.44 Show File TG	09:00 - noon	Thursday 18 October 2012
Technical Standards Council	13:00 - 17:00	Wednesday 17 October 2012

# PLASA Standards News

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

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