

# PLASA Standards News

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## PLASA's Newest Free Download

On 6 May 2013, the ANSI Board of Standards Review approved the acceptance of *ANSI E1.35-2013 Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use* as an American National Standard. ANSI 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 and that allows the end-user to directly compare lenses in a meaningful way. Without this standard, there is no way to describe how clearly a stage lighting instrument projects an image, other than by showing a person the actual instrument with a gobo.

The download, available at [www.tsp.plasa.org/freestandards](http://www.tsp.plasa.org/freestandards), is a ZIP file that includes an EPS graphic file of the test pattern in three common gobo sizes.

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## Four PLASA Standards in Public Review

Two *more* PLASA standards are now in public review, making four total. The public review materials for the standards are available at [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php).

### Due 14 May 2013

#### **BSR E1.33 - 201x, 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 – Lightweight Streaming Protocol for Transport of DMX512 Using ACN* 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.

### Due 27 May 2013

#### **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**

The 2006 version of 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.

### Due 7 July 2013

#### **BSR E1.6-4 - 201x, Portable Control of Fixed-Speed Electric Chain Hoists in the Entertainment Industry**

This draft is part of the E1.6 powered entertainment rigging project. This standard covers the minimum requirements for the selection and use of portable electric chain hoist control systems. These controllers are for use with electric link chain hoists having a capacity of 2 tons or less, fixed speed, used in the entertainment industry. Permanently installed systems are outside the scope of this standard. Construction or design of controllers is governed by standards such as UL508A and as such are outside the scope of this standard.

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

This standard establishes 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.

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## Comments Sought on Revisions to UK's Purple Guide

A draft of *The Purple Guide to Health, Safety and Welfare at Music and Other Events* has been drawn up by the Events Industry Forum in consultation with the UK events industry, including representatives from regional and national Government. This publication is designed to replace the original 'Purple Guide' (HSG195) which was originally published by the Health & Safety Executive (HSE) in consultation with the industry. Covering both legislation and good practice, this new guide tells event organizers and suppliers the practices and issues that need to be considered when events are organized.

To review the draft please visit <http://www.thepurpleguide.co.uk/>. If you have comments on the draft, please register on the website and use the comment form at the bottom of each chapter page, or submit comments to [admin@thepurpleguide.co.uk](mailto:admin@thepurpleguide.co.uk) stating clearly the chapters your comments relate to as well as a paragraph reference number. All comments must be received by the end of the day on 31 October 2013.

## House Bill No. 1069 Enacted in Indiana, Affects Portable Stages

The Outdoor Stage Equipment Safety Committee prepared and introduced House Bill No. 1069, which has just been passed in the Indiana State Legislature. The bill changes references of "outdoor stage equipment" to "outdoor event equipment" and makes permanent temporary statutes that authorize the fire prevention and building safety commission to adopt rules to regulate outdoor event equipment used in connection with an outdoor performance as a Class 1 structure. The bill also extends expiration dates of the temporary rules adopted by the commission governing outdoor event equipment at outdoor performances in Indiana.

For more information on this bill please visit <http://plasa.me/e0wz5>.

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## National Electrical Safety Month

### Electrical Safety Foundation International

May is National Electrical Safety Month and the Electrical Safety Foundation International (ESFI) is kicking off its annual effort to educate the public about potential home electrical hazards and the importance of electrical safety. This year's campaign, titled "Electrical Safety for All Ages," takes a multi-generational approach to electrical safety by encouraging families to work together to identify and correct potential home electrical safety hazards. National Electrical Safety Month 2013 campaign resources include valuable safety materials targeting the most at-risk populations of children and older adults as well as home and workplace safety resources for consumers of all ages. For more information or to download ESFI publications please visit <http://esfi.org/index.cfm/cdid/13065/pid/10262>.

### NFPA Announces the 2014 National Electrical Code

The 2014 NFPA 70®: National Electrical Code® (NEC®) covers electrical design, installation, and inspection. Hundreds of changes have been made to the Code from last year's edition. In response to input from the field, major NEC revisions will impact electrical installations in residential, commercial, and industrial occupancies. You'll also find updated coverage on 600-volt systems, larger installations, renewable systems, small wind electric systems, DC systems, and electric vehicle charging systems. For more information, or to reserve your copy, please visit <http://plasa.me/ptkrr>.

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## OSHA Announcements

### Comments Sought on Dip Tank Standard

OSHA is currently accepting comments concerning its proposal to extend Office of Management and Budget (OMB) approval of the information collection requirement specified in its Standard on Dipping and Coating Operations (Dip Tanks) (29 CFR 1910.126(g)(4)). To see what's on the docket or to submit comments please visit <http://www.regulations.gov>.

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## Home Depot Recalls CE Tech Riser Cable Due to Fire Hazard

This recall involves 1,000 ft. CE Tech riser cable sold in boxes of 1,000 ft. lengths. It is intended to run between floors of a building as data cable. This type of cable must self-extinguish in a fire. The cable is gray and marked (UL) E316395. The cable's box is blue and black and is marked CE Tech 1,000 ft. riser cable, Cat 6 23-4. Consumers should stop using this product unless otherwise instructed. It is illegal to resell or attempt to resell a recalled consumer product. The riser cable does not meet fire resistance standards for riser cable, posing a fire hazard. The cable was sold exclusively at Home Depot stores nationwide from January 2013 through February 2013 and should be removed and returned to Home Depot for a full refund. (It was sold at 10 cents a foot; removing and returning a whole box will get you \$100.)

For more information, visit the Consumer Product Safety Commission website at <http://www.cpsc.gov/en/Recalls/2013/Home-Depot-Recalls-CE-Tech-Riser-Cable/>.

## WTO Notifications

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

### United States of America Notification USA/682/Add.2

**Date issued:** 25 April 2013

**Corrigendum type:** Addendum

**Correction type:** Correction with full text

**Title:** Energy Conservation Program: Energy Conservation Standards for Distribution Transformers

**Agency:** Office of Energy Efficiency and Renewable Energy (OEERE), Department of Energy (DOE)

**Action:** Final Rule

**Summary:** The Energy Policy and Conservation Act of 1975 (EPCA), as amended, prescribes energy conservation standards for various consumer products and certain commercial and industrial equipment, including distribution transformers. EPCA also requires the U.S. Department of Energy (DOE) to determine whether more-stringent standards would be technologically feasible and economically justified, and would save a significant amount of energy. In this final rule, DOE is adopting more-stringent energy conservation standards for distribution transformers. It has determined that the amended energy conservation standards for this equipment would result in significant conservation of energy, and are technologically feasible and economically justified.

**Date:** The effective date of this rule is June 17, 2013. Compliance with the amended standards established for distribution transformers in this final rule is required as of January 1, 2016.

**Text:** <http://www.gpo.gov/fdsys/pkg/FR-2013-04-18/pdf/2013-08712.pdf>

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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 June 2013

#### **BSR/AWS C2.19/C2.19M-201x, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (new standard)**

This standard defines thermal spray coating systems for OEM and repair applications for machinery components including high-velocity oxygen fuel chrome-plating replacement. The essential equipment, procedures for surface preparation, and the application of specific thermal spray coatings and sealers are detailed with in-process quality control checkpoints.

Single copy price: \$32.50

Obtain an electronic copy from: [roneill@aws.org](mailto:roneill@aws.org)

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

#### **BSR C63.10-201x, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (revision of ANSI C63.10-2009)**

This standard provides procedures for testing the compliance of a wide variety of unlicensed wireless devices (transmitters), including but not limited to: remote control and security wireless devices, frequency hopping and direct-sequence spread spectrum devices, anti-pilferage devices, cordless telephones, wireless medical wireless devices, Unlicensed National Information Infrastructure devices, intrusion detectors, wireless devices operating on frequencies below 30 MHz, automatic vehicle identification systems, and other unlicensed wireless devices authorized for operation by a radio regulatory authority.

Single copy price: N/A

Order from and send comments to: Patricia Roder, [p.roder@ieee.org](mailto:p.roder@ieee.org)

### Due 17 June 2013

#### **BSR/NFSI B101.5-201x, Standard Guide for Uniform Labeling Method for Identifying the Wet Static and Wet Dynamic Coefficient of Friction (Traction) of Floor Coverings, Floor Coverings with Coatings, and Treated Floor Coverings (revision of ANSI/NFSI B101.5-2012)**

This guideline sets forth a uniform product labeling method which identifies the wet static and wet dynamic coefficient of friction (traction) of floor coverings, floor coverings with coatings, and treated floor coverings.

Single copy price: \$49.95

Obtain an electronic copy from Laura Cooper, [laurac@nfsi.org](mailto:laurac@nfsi.org)  
Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Russell Kendzior, [russk@nfsi.org](mailto:russk@nfsi.org)

#### **Due 02 July 2013**

##### **BSR S1001.1-201x, Design and Installation of Solar Water Heating Systems (new standard)**

This Standard specifies requirements for the design and installation of preengineered solar water heating systems intended to be installed as standalone systems or in conjunction with auxiliary water heaters, including component selection and sizing criteria. This Standard does not cover: (a) existing water heating equipment; (b) systems engineered for discrete or site-specific applications; (c) performance and durability testing of collectors or solar water heating system components; and (d) design and installation of solar photovoltaic systems.

Single copy price: Free

Order from and send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Les Nelson, [les.nelson@iapmo.org](mailto:les.nelson@iapmo.org)

##### **BSR/UL 10D-201x, Standard for Safety for Fire Tests of Fire Protective Curtain Assemblies (new standard)**

These requirements cover the evaluation of fire-protective curtains intended to provide supplemental, passive fire protection as part of an engineered fire protection system. Fire-protective curtains provide nonstructural separation only, and are not intended to be employed where structural hourly rated partitions or protectives that have been tested for fire endurance and hose stream performance are required by code.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy at [www.comm-2000.com](http://www.comm-2000.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mitchell Gold, [Mitchell.Gold@ul.com](mailto:Mitchell.Gold@ul.com)

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## **BSI Public Review Announcements**

BSI Standards has announced some 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 31 May 2013**

##### **BS 7985 - Code of practice for the use of rope access methods for industrial purposes**

This British Standard gives recommendations and guidance on the use of rope access methods for work at height. It is intended for use by employers, employees and self-employed persons who use rope access methods, and those who commission rope access work, e.g. building owners and contractors, and also by national enforcement agencies and safety officers. This British Standard is applicable to the use of rope access methods for access to buildings, other structures (on or offshore) or natural features (such as cliff faces), in which the ropes are suspended from, or connected to, the structure or natural feature. It is applicable to situations where ropes are used as the primary means of access, egress or support and as the primary means of protection against a fall.

#### **Due 30 June 2013**

##### **BS 6259 - Code of practice for the design, planning, installation, testing and maintenance of sound systems**

This British Standard gives recommendations for the design, planning, installation, testing and maintenance of sound systems intended for communicating speech, music and/or other signals, including systems conveying emergency messages or signals that are not connected to a fire detection system.

NOTE 1 For systems used for conveying emergency messages, recommendations are given in BS 5839-8. This standard is intended for use by clients, designers, installers and those responsible for commissioning, testing, operation and maintenance of sound systems.

##### **Number: ISO/FDIS 3037**

This International Standard specifies an unwaxed edge method for the determination of the edgewise crush resistance of corrugated fibreboard. It is applicable to all corrugated fibreboard grades.

## CSA Public Review Announcements

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

### Due 07 June 2013

#### **Bare and Covered Ferrules, New Standard**

- These requirements cover bare and covered ferrules intended for field wiring and factory wiring for use in accordance with the National Electrical Code, ANSI/NFPA-70, Canadian Electrical Code, CSA C22.1, and Mexican Electrical Code, ANCE NOM-001-SEDE.
- These ferrules are intended to facilitate the connection of stranded wire on to devices, such as terminal blocks. Their purpose is to treat stripped wire and prevent turned back strands during installation.
- They are intended to be used to attach to one stranded copper conductor or two stranded copper conductors of the same size.
- These ferrules are suitable for use with 1/0 – 20 AWG stranded copper conductors.
- These ferrules are intended to be terminated in wire connection devices rated for solid conductors.
- Ferrules are not intended for use in IDC (insulation displacement connection) terminal blocks.
- This standard does not apply to Wire connectors such as pin adapters covered in ANCE NMX J-543-ANCE, CSA C22.2 No. 65, UL 486A-486B.

#### **CAN/CSA C411.7-11 - Composite insulators for guy wires (Amendment)**

Proposed Amendment for CAN/CSA C411.7-11

### Due 17 May 2013

#### **C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 3734, New rule regarding electrical equipment ratings Rule 2-103.(Amendment)**

This is Draft Amendment to C22.1.

### Due 17 June 2013

#### **CAN/CSA-C22.2 No. 60745-2-3-07 (R2012) - Hand-Held Motor-Operated Electric Tools - Safety - Part 2-3: Particular Requirements for Grinders, Polishers and Disk-Type Sanders (Amendment)**

This is a proposed amendment for CAN/CSA-C22.2 No. 60745-2-3-07 (R2012).

#### **C22.2 NO. 2459-08 - Insulated multi-pole splicing wire connectors (Amendment)**

This is a proposed amendment for C22.2 No. 2459-08

#### **C22.1 - C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 3743, Single conductor connector interchangeability requirements for Rule 66-401 and 66-456. (Amendment)**

This is Draft Amendment to C22.1.

### Due 18 June 2013

#### **C22.2 No. 5 - Molded-case circuit breakers, molded-case switches and circuit-breaker enclosures. (Amendment)**

This is a proposed amendment for C22.2 No. 5-13 - Molded-case circuit breakers, molded-case switches and circuit-breaker enclosures.

#### **C22.1 - C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 3738, Align conductor ampacity selection with equipment evaluation criteria. (Amendment)**

This is Draft Amendment to C22.1.

### Due 23 June 2013

**W47.1-09 Certification of companies for fusion welding of steel (Amendment);** This amendment makes a deletion and two additions. To read the draft please contact [jeremy.fisher@csagroup.org](mailto:jeremy.fisher@csagroup.org)

## Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

**ANSI/ASME BPVC Section IX-2013**, Welding and Brazing Qualifications (revision of ANSI/ASME BPVC Section IX-2010): 23 April 2013

**ANSI/ASME BPVC Section V-2013**, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-010): 23 April 2013

**ANSI/ESD S11.4-2013**, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Static Control Bags (new standard): 24 April 2013

**ANSI/ASME Y14.6-2001 (R2013)**, Screw Thread Representation (reaffirmation of ANSI/ASME Y14.6-1978 (R1998)): 29 April 2013

**ANSI/ASME Y14.38-2007 (R2013)**, Abbreviations and Acronyms for Use on Drawings and Related Documents (reaffirmation of ANSI/ASME Y14.38-2007): 29 April 2013

**ANSI/AWWA G480-2013**, Water Conservation Program Operation and Management (new standard): 29 April 2013

**ANSI/IES RP-1-2013**, IES Recommended Practice for Office Lighting (revision of ANSI/IESNA RP-1-2004): 24 April 2013

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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. You 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. Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

### **BSR/ASTM WK41630-201x, New Practice for Professional Certification Performance Testing and Assessment (new standard)**

These standards of practice for performance testing/assessment provide guidance to performance test sponsors, developers, and delivery providers for the planning, design, development, administration, and reporting of high-quality performance tests and assessments and to stakeholders from the user and/or consumer communities for determining the quality of performance tests and assessments. Contact Jeff Richardson at [accreditation@astm.org](mailto:accreditation@astm.org) regarding this standard.

### **BSR E1.4-201x, Entertainment Technology - Manual Counterweight Rigging Systems (revision of ANSI E1.4-2009)**

Describes the design, construction, and installation of manually powered counterweight rigging systems used in theaters to support and move scenery and lighting equipment. The purpose of the standard is to help assure the safety of these systems. The standard does not cover motorized systems or systems used for moving materials during building construction. Contact Karl Ruling at [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org).

### **BSR E1.17-201x, Entertainment Technology - Architecture for Control Networks (revision of ANSI E1.17-010)**

E1.17 is a suite of documents that specifies an architecture, protocols, and language that may be combined with other protocols to form flexible, networked audio, lighting, or other control systems. Contact Karl Ruling at [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org) regarding this standard.

## **BSR E1.31-201x, Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31-2009)**

E1.31 provides a very simple protocol that offers functionality comparable to proprietary DMX over Ethernet protocols while being compatible with the E1.17 suite of protocols. Contact Karl Ruling at [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org) regarding this standard.

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## **Draft IEC & ISO Documents**

The International Electrotechnical Commission (IEC) and the International Organization for Standardization (ISO) are considering the following documents for approval. The documents are available from your nation's representative organization to the IEC and ISO. Comments should be sent via your representative before the deadline date shown. Comments from citizens of the United States of America on IEC drafts should be sent to Charles T. Zegers at [czegers@ansi.org](mailto:czegers@ansi.org), and comments on ISO drafts should be sent to Karen Hughes at [isot@ansi.org](mailto:isot@ansi.org). The final date for offering comments is listed for each draft.

**ISO/DIS 22324**, Societal security - Emergency management - Colourcoded alert - 30 July 2013

**CIS/A/1027A/CDV, CISPR 16-1-6**: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: radio disturbance and immunity measuring apparatus - EMC-antenna calibration, 06 September 2013

**CIS/A/1028/CDV, Amendment 2 to CISPR 16-1-5**: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Specifications and validation procedures for CALTS and REFTS from 30 MHz to 1 000 MHz, 19 July 2013

**C/1790/DV**, Draft ISO/IEC Guide 51 Edition 3, Safety aspects Guidelines for their inclusion in standards, 16 August 2013

**3C/1859/CD, IEC 60417-C00294/Ed.1**: Graphical symbols for use on equipment IEC 60417-6196 and IEC 60417-6197, 12 July 2013

**34/175/CDV, IEC 62504 Ed.1**: General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions, 12 July 2013

**100/2116/CDV, IEC 60268-4/Ed.5**: Sound system equipment - Part 4: Microphones, 12 July 2013

**96/400/FDIS, IEC 61558-2-26 Ed.1**: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-26: Particular requirements and tests for transformers and power supply units all for saving energy and other purposes, 07 June 2013

**100/2140/CD, IEC 62087-1/Ed.1**: Methods of measurement for the power consumption of audio, video and related equipment - Part 1 General (TA12), 07 June 2013

**100/2141/CD, IEC 62087-2/Ed.1**: Methods of measurement for the power consumption of audio, video and related equipment - Part 2: Media (TA12), 07 June 2013

**100/2142/NP**, Audio, video and related equipment - Methods of measurement for power consumption - Part 7: Computer Monitors, 05 July 2013

**100/2145/CD, IEC 62087-4/Ed.1**: Methods of measurement for the power consumption of audio, video and related equipment - Part 4 Video Recoding Equipment (TA12), 07 June 2013

**100/2146/CD, IEC 62087-5/Ed.1**: Methods of measurement for the power consumption of audio, video and related equipment - Part 5 Set Top Boxes (TA12), 07 June 2013

**100/2147/CD, IEC 62087-6/Ed.1**: Methods of measurement for the power consumption of audio, video and related equipment - Part 6 Audio Equipment (TA12), 07 June 2013

**CIS/A/1027/CDV, CISPR 16-1-6:** Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: radio disturbance and immunity measuring apparatus - EMC-antenna calibration, 06 September 2013

**CIS/F/601/CD, Amendment 1 to CISPR 15:** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, 05 July 2013

**ISO/DIS 10916,** Calculation of the impact of daylight utilization on the net and final energy demand for lighting - 04 August 2013

**ISO/IEC DIS 30121,** System and software engineering - Information technology - Governance of digital forensic risk framework - 03 August 2013

**ISO/IEC DIS 15961-4,** Information technology - Radio frequency identification (RFID) for item management: Data protocol - Part 4: Application interface commands for battery assist and sensor functionality - 02 August 2013

**ISO/IEC DGuide 51,** Safety aspects - Guidelines for their inclusion in standards - 17 June 2013

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## Recently Published IEC & ISO Documents

Listed here are documents recently approved by the International Electrotechnical Commission and the International Organization for Standardization. The prices shown are those if purchased from the ANSI Electronic Standards Store at <http://webstore.ansi.org/>.

**ISO 3534-3:2013,** Statistics - Vocabulary and symbols - Part 3: Design of experiments, \$235.00

**ISO 9787:2013,** Robots and robotic devices - Coordinate systems and motion nomenclatures, \$90.00

**ISO 20140-1:2013,** Automation systems and integration - Evaluating energy efficiency and other factors of manufacturing systems that influence the environment - Part 1: Overview and general principles, \$172.00

**ISO 10377:2013,** Consumer product safety - Guidelines for suppliers, \$181.00

**ISO/IEC 15444-1/Amd4:2013,** Information technology - JPEG 2000 image coding system: Core coding system - Amendment 4: Guidelines for digital cinema applications, \$20.00

**IEC/TR 62713 Ed. 1.0 b:2013,** Safety procedures for reduction of risk outside a structure, \$154.00

**IEC 61800-7-203 Ed. 1.0 b:2007,** Adjustable speed electrical power drive systems - Part 7-203: Generic interface and use of profiles for power drive systems - Profile type 3 specification, \$401.00

**ISO/IEC 15444-1/Amd5:2013,** Information technology - JPEG 2000 image coding system: Core coding system - Amendment 5: Enhancements for digital cinema and archive profiles (additional frame rates), \$20.00

**ISO/IEC 27014:2013,** Information technology - Security techniques - Governance of information security, \$90.00

**ISO/IEC 10918-5:2013,** Information technology - Digital compression and coding of continuous-tone still images: JPEG File Interchange Format (JFIF), \$80.00

**IEC 60268-3 Ed. 4.0 b:2013,** Sound system equipment - Part 3: Amplifiers, \$337.00

**IEC/TR 62685 Ed. 1.0 b:2010,** Industrial communication networks - Profiles - Assessment guideline for safety devices using IEC 61784 -3 functional safety communication profiles (FSCPs), \$205.00

**IEC 61800-7-303 Ed. 1.0 b:2007**, Adjustable speed electrical power drive systems - Part 7-303: Generic interface and use of profiles for power drive systems - Mapping of profile type to network technologies, \$372.00

**IEC 61800-7-304 Ed. 1.0 b:2007**, Adjustable speed electrical power drive systems - Part 7-304: Generic interface and use of profiles for power drive systems - Mapping of profile type 4 to network technologies, \$359.00

**IEC 60204-SER Ed. 1.0 b:2013**, Safety of machinery - Electrical equipment of machines - ALL PARTS, \$1469.00

## TSP Meeting Schedule

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

The Photometrics Working Group has added a teleconference meeting for 06 June 2013 at 13:00 EDT. For more information, contact Karl Ruling at [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org).

The meetings shown below are scheduled to be held at the Marriott Solana in Westlake, Texas.

Control Protocols Plugfest	16:00 - 21:00	Friday 2 August 2013
	09:00 - 21:00	Saturday 3 August 2013
	09:00 - 21:00	Sunday 4 August 2013
	09:00 - noon	Monday 5 August 2013
Control Protocols Working Group	09:00 - 13:00	Saturday 3 August 2013
Electrical Power Working Group	08:00 - noon	Friday 2 August 2013
Floors Working Group	14:30 - 18:00	Friday 2 August 2013
Fog & Smoke Working Group	20:00 - 22:00	Friday 2 August 2013
Photometrics Working Group	13:00 - 14:30	Friday 2 August 2013
Rigging Working Group	13:00 - 18:00	Thursday 1 August 2013
Technical Standards Council	09:00 - 13:00	Sunday 4 August 2013

The following meetings will be held at the Las Vegas Hotel in conjunction with the LDI trade show.

Control Protocols Working Group	09:00 - 13:00	Thursday 21 November 2013
Electrical Power Working Group	19:00 - 23:00	Friday 22 November 2013
Floors Working Group	14:00 - 17:00	Thursday 21 November 2013
Fog & Smoke Working Group	09:00 - 11:00	Wednesday 20 November 2013
Photometrics Working Group	08:00 - 10:00	Friday 22 November 2013
Rigging Working Group	19:00 - 23:00	Wednesday 20 November 2013
Technical Standards Council	13:00 - 17:00	Wednesday 20 November 2013

# PLASA Standards News

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

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