



worldwide standards for the entertainment industries

# PLASA Standards News

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## ANSI Approves E1.6-4 as an American National Standard

On 3 October 2013, the ANSI Board of Standards Review approved the acceptance of ANSI E1.6-4-2013, Portable Control of Fixed-Speed Electric Chain Hoists in the Entertainment Industry, as an American National Standard. E1.6-4 is the fourth part of the E1.6 powered entertainment rigging project. This standard covers portable control systems for fixed-speed electric chain hoists used in the entertainment industry. This portion completes the ANSI E1.6-x suite, as it currently exists.

The official document will be available for download at <http://www.tsp.plasa.org/freestandards> within four weeks of this announcement. As with all of PLASA's published standards, it will be available to download free of charge courtesy of ProSight Specialty Insurance.

## Many Standards and Regulatory Sources Not Available During Government Shutdown

Due to a lapse in government funding, many divisions of the US Federal Government are either partially closed or completely unable to operate. The extensive list of affected departments includes the National Institute of Standards and Technology (NIST), the Federal Communications Commission (FCC), and the Department of Labor, which includes the Occupational Safety and Health Administration. There are also no Technical Barriers to Trade (TBT) announcements being supplied by the US Federal Government to the World Trade Organization.

Websites for these and many of the other departments that are closed are not being monitored or updated at this time. Notices will be publicly posted on respective websites as information becomes available.

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## **Final Call for Three PLASA Standards in Public Review**

Three PLASA standards continue to be posted on the Technical Standards Public Review Page at [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php). These draft standards have a review end date of 8 October 2013; the last day to submit comments is 7 October.

**BSR E1.4 - 201x, Entertainment Technology — Manual Counterweight Rigging Systems**, describes the design, construction, and installation of manually powered counterweight rigging systems used in theatres to support and move scenery and lighting equipment. The 2009 edition of the standard is being revised to include additional essential safety requirements.

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

**BSR E1.44 – 201x, Common Show File Exchange Format For Entertainment Industry Automation Control Systems – Stage Machinery**, defines a common show file format for the exchange of automation control data between control systems by different manufacturers of stage machinery.

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## **OSHA Launches Public Sector Health and Safety Certificate Program**

The Occupational Safety and Health Administration has launched Public Sector Safety and Health Fundamentals, a new certificate program that provides public sector employees training on occupational safety and health to reduce injuries, illnesses, and fatalities among workers in state and local governments. The certificate programs are available in construction and general industry. Students can choose from a variety of courses, including occupational safety and health standards for construction or general industry, safety and health management, accident investigation, fall hazard awareness, and record keeping.

To earn a certificate, participants must complete a minimum of seven courses, consisting of three required courses and additional elective courses, totaling at least 68 hours of in-class training.

[Https://www.osha.gov/dte/public\\_sector/index.html](https://www.osha.gov/dte/public_sector/index.html) provides course descriptions and prerequisites, program information, and instructions on how to apply to the program. (As of 4 October, it was still functioning, but with a warning that the site was not being maintained.)

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## **OSHA Seeks Comment on Fall Protection in Construction**

The Occupational Safety and Health Administration is seeking public comments on Construction Fall Protection Systems Criteria and Practices, and Training Requirements. The intent of the proposal is to extend OMB approval of the information collection requirements contained in the Construction Standards on Fall Protection Systems. Comments must be submitted (postmarked,sent,or received) by 26 November 2013. You may submit comments and attachments electronically at <http://www.regulations.gov>. (Due to the government shutdown, information on the website may not be up to date, but you can still submit comments.)

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## **Oral Comments Sought on Risk Reduction of Children Ingesting Magnets**

Oral consumption of magnets can lead to life-threatening complications in children. The Consumer Product Safety Commission (CPSC, Commission) has announced an opportunity for interested persons to present oral

comments on Commission's proposed a standard to reduce the risk of injury associated with children ingesting magnets that are part of a magnet set. Any oral comments will be part of the rulemaking record. The meeting will begin at 10 a.m. On 22 October 2013, in Bethesda, MD. Requests to make oral presentations and the written text of any oral presentations must be received by the Office of the Secretary not later than 5p.m. EST on 15 October 2013. For location and submission information visit <http://plasa.me/ipogf> for the *Federal Register* notification. (The *Federal Register* is still available during the government shut-down.)

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## ICC Seeks Applicants for Codes Committees

The International Code Council is accepting applications for its Codes and Standards Council, Code Technology Committee, and three Code Action Committees. The application deadline is 21 October 2103. The application form is available at <http://www.iccsafe.org/CC/Pages/calls.aspx>.

The Codes and Standards Council is a multi-discipline council that advises the ICC Board regarding applications for codes and standards related committees, and that reviews and provides oversight of codes and standards related procedures. The ICC is soliciting applications to fill six CSC vacancies. Term length is three years (2014 through 2016).

The Code Technology Committee provides a forum where pressing issues of new technology as well as other contemporary issues and concepts surrounding the current code provisions can be discussed. This forum leads to the CTC's submitting proposed code changes, modifications and public comments as well as participating in the Committee Action and Public Comment Hearings. The ICC Board determines the issues to be considered by the CTC. The ICC is soliciting applications to fill six CTC vacancies.

Code Action Committees are code discipline-specific committees that identify opportunities to improve and enhance a particular International Code or portion thereof. This is accomplished by the CACs submitting proposed code changes, modifications and public comments as well as participating in the Committee Action and Public Comment Hearings. The ICC is soliciting applications for members of the Building, Fire and Plumbing, Mechanical, and Fuel Gas CACs.

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## BSI Public Review Announcement

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

### Due 30 November 2013

**BS 8599-2, Motor vehicle first aid kits—Part 2: Specification for the contents of motor vehicle first aid kits**  
This part of BS 8599 specifies requirements for the compilation of first aid components in three sizes of first aid kits for use in motor vehicles. Requirements are given for the container holding the components.

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## CSA Public Review Announcement

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

### Due 25 November

#### C22.2 No. 153 Electrical quick-connect terminals (New Edition)

This standard applies to quick-connect terminals, both connectors and tabs, having nominal widths of 2.8, 3.2, 4.8, 5.2, and 6.3 mm (0.110, 0.125, 0.187, 0.205, and 0.250 in). They are intended for internal wiring connections in electrical equipment and for the field termination of conductors to electrical equipment in accordance with Part I of the Canadian Electrical Code, C22.1, in Canada, and the National Electrical Code, NFPA 70, in the United States of America.

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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 at [psa@ansi.org](mailto:psa@ansi.org).

### **Due 27 October 2013**

#### **BSR/UL 498A-201X, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2013)**

Clarification of requirements regarding mating and interchangeability. For more information or to submit comments contact Patricia Sena at [patricia.a.sena@ul.com](mailto:patricia.a.sena@ul.com).

### **Due 11 November 2013**

#### **BSR/EIA 364-64-201x, Spring Finger Force Test Procedure for Circular Connectors (new standard)**

To provide a new test standard that standardizes procedures currently contained in multiple military documents.

Single copy price: \$70.00

Obtain an electronic copy at [www.global.ihs.com](http://www.global.ihs.com).

Send comments to Edward Mikoski at [emikoski@eciaonline.org](mailto:emikoski@eciaonline.org).

#### **BSR/EIA 576-B-201x, Resistors, Rectangular, Surface Mount Precision (revision and redesignation of ANSI/EIA 576-A-2005)**

This standard covers thin film precision rectangular leadless discrete fixed resistors with temperature coefficients of +50 PPM/°C and tighter and resistance tolerances of 1%, 0.5%, 0.25%, 0.1%, and 0.05% for use in surface mounting applications using soldering techniques.

Single copy price: \$80.00

Obtain an electronic copy at [www.global.ihs.com](http://www.global.ihs.com).

Send comments to Edward Mikoski at [emikoski@eciaonline.org](mailto:emikoski@eciaonline.org).

#### **BSR/UL 969-201x, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2008)**

Revise scope to include mechanically affixed and in-mold labels; Revise glossary terms in Section 3 to clarify label terminology; Clarify general performance requirements in Section 4; Clarify requirements for textured application surfaces covered in Section 5; Clarify requirements for application of heat and solvent-activated adhesive labels in Section 6; Revise requirements for exposure conditions in Section 7; Revise requirements for hazardous location tests in Section 7; Revise requirements for adhesion test in Section 8; and Revise marking requirements in Section 9.

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

Send comments to Ritu Madan at [ritu.madan@ul.com](mailto:ritu.madan@ul.com).

### **Due 26 November 2013**

#### **BSR/IEEE 802.16.1a-201x, Standard for Wireless MAN-Advanced Air Interface for Broadband Wireless Access Systems - Amendment 2: Higher Reliability Networks (new standard)**

This amendment to IEEE Std 802.16.1-2012 specifies protocol enhancements to the Wireless MAN-Advanced Air Interface medium access control layer (MAC) and physical layer (PHY) to support high-reliability networks.

Single copy price: \$250.00

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

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

#### **BSR/IEEE 1801-2013, Standard for Design and Verification of Low-Power Integrated Circuits (revision of ANSI/IEEE 1801-2009)**

This standard establishes a format used to define the low-power design intent for electronic systems and electronic intellectual property. The format provides the ability to specify the supply network, switches, isolation, retention, and other aspects relevant to power management of an electronic system.

Single copy price: \$300.00 Order from: IEEE online at <http://standards.ieee.org/store>.

Send comments to Karen Evangelista at [k.evangelista@ieee.org](mailto:k.evangelista@ieee.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/ASSE A10.3-2013**, Safety Requirements for Powder-Actuated Fastening Systems (revision of ANSI/ASSE A10.3-2006): 23 September 2013

**ANSI/ASTM E8-2013a**, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-2011): 1 July 2013

**ANSI/UL 60745-2-23-2013**, Standard for Safety for Hand-Held Motor Operated Electrical - Tools Safety - Part 2-23: Particular Requirements for Die Grinders and Small Rotary Tools (national adoption with modifications of IEC 60745-2-23): 20 September 2013

**ANSI/UL 2459-2008 (R2013)**, Standard for Safety for Insulated MultiPole Splicing Wire Connectors (reaffirmation of ANSI/UL 2459 -2008): 19 September 2013

**ANSI/UL 8750-2013**, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2012): 19 September 2013

**ANSI/UL 8750-2013a**, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2012b): 19 September 2013

**ANSI/UL 8750-2013b**, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2012b): 19 September 2013

**ANSI/UL 8750-2013c**, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2012b): 19 September 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, thereby possibly making the project redundant or conflicting. Directly and materially affected readers wishing to receive more information or to submit comments are requested to contact the standards developer listed by the date listed, which is 30 days from ANSI's publication of the project's start notice.

**BSR/APCO 1.101.3-201x, Standard for Public Safety Telecommunicators When Responding to Calls of Missing, Abducted and Sexually Exploited Children (revision and redesignation of ANSI/APCO 1.101.2-2010)**

This standard is a reference specifically for public safety telecommunicators to present the missing, abducted, and/or sexually exploited child response process in a logical progression from the first response (initial call intake and information entry) through ongoing incident and case support (data query, entry and management in support of field/investigative work). For more information contact Crystal McDuffie at [mcduffiec@apcointl.org](mailto:mcduffiec@apcointl.org).

**BSR/ASA S2.75-201x, Shaft Alignment Methodology (new standard)**

Contains considerations, methods, and tolerances forming the basis of effective shaft alignment without bias to branding. Components of Measure, Analyze, Correct & Document lead to acceptably aligned running machines and addresses types, shaft centerline and runout measures, machinery decay, baseplates, offline-to-running movement and tolerances by coupling type. Applies to horizontal/vertical flexible/rigid direct-coupled industrial machinery. Focus on alignment activity and results, not technician. For more information contact Susan Blaeser at [sblaeser@aip.org](mailto:sblaeser@aip.org).

**BSR/ASME B107.300-201x, Torque Instruments (revision of ANSI/ASME B107.300-2010)**

The purpose of this Standard is to define essential performance and safety requirements for the following three types of torque instruments: (a) manually operated torque instruments, commonly used for mechanical measurement of torque for control of the tightness of threaded fasteners; (b) electronic torque testers used for checking manually operated hand-held torque wrenches and screwdrivers; and (c) manually operated electronic torque instruments with integral or interchangeable heads. It includes requirements for endurance, torque value ranges, and accuracy for these torque instruments. It specifies test methods to evaluate performance related to the defined requirements and safety, and indicates limitations of safe use. For more information contact Mayra Santiago at [ANSIBox@asme.org](mailto:ANSIBox@asme.org).

**BSR/AWS C7.1M/C7.1-201x, Recommended Practices for Electron Beam Welding and Allied Process (revision of ANSI/AWS C7.1M/C7.1-2013)**

This document presents recommended practices for electron beam welding. It is intended to cover common applications of the process. Processes definitions, safe practices, general process requirements, and inspection criteria are provided. For more information contact Chelsea Lewis at [c.lewis@aws.org](mailto:c.lewis@aws.org).

**BSR/ISO/MSE 50015-201x, Measurement and verification of organizational energy performance – General principles and guidance (identical national adoption of ISO 50015)**

The purpose of this International Standard is to establish a common set of principles and guidelines to be used for measurement and verification of organizational energy performance. This standard does not specify calculation methods or methodology. For more information contact Moon Kim at [Moon.Kim@gtri.gatech.edu](mailto:Moon.Kim@gtri.gatech.edu).

**BSR/ISO/MSE 50003-201x, Energy management systems -Requirements for bodies providing audit and certification of energy management systems (identical national adoption of ISO 50003)**

This standard is intended to be used in conjunction with ISO/IEC 17021-2011 and provides additional requirements on the specific technical area of energy management systems (EnMS) needed to assure the effectiveness of the audit and the certification. For more information contact Moon Kim at [Moon.Kim@gtri.gatech.edu](mailto:Moon.Kim@gtri.gatech.edu).

**BSR/IEEE 1307-201x, Standard for Fall Protection for Utility Work (revision of ANSI/IEEE 1307-2004)**

This standard provides general recommendations for a fall protection program for substation, generation, communication, transmission, and distribution structures and equipment. The recommendations covered under this standard are based on sound engineering principles, engineering safety considerations, and research into the tools, methods, practices, and training provided to and by electric power and communications workers. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

**BSR/IEEE 1857a-201x, Standard for Advanced Audio and Video Coding - Amendment 1: Extension on timing and location information to support object tracking across multiple cameras at Surveillance High Group (new standard)**

This standard defines a set of tools for efficient video coding and the corresponding decoding procedure, including intraprediction, interprediction, transform, quantization, and entropy coding. In this amendment, a set of timing and location information will be added to support objects cross-tracking in multiple cameras at Surveillance High Group. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

**BSR/IEEE 2100.1-201x, Standard Specifications for Wireless Power and Charging Systems (new standard)**

This standard establishes parallel specifications for wireless power and charging for both source and load devices, and is focused on the use of inductive coupling technology. Other technologies will also be considered in the future. The specifications include the electrical, logical, and signaling interfaces between source and load devices, the interface of the charging support on the load device to an embedded hosting processor/system, and the interfaces of source devices to cloud based hosting/provisioning/control systems. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

**BSR/IEEE 26531-201x, Systems and software engineering – Content management for product life-cycle, user, and service management documentation (new standard)**

This standard states requirements for efficient development and management of content throughout: the life-cycle of a system and software product; the provision of user documentation; and the management of IT services. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

**BSR/IEEE C37.248-201x, Guide for Common Format for Naming Intelligent Electronic Devices (COMDEV) (new standard)**

This guide provides a common convention for naming physical and virtual Intelligent Electronic Devices (IEDs). It discusses the various environments where device names are needed and how a common naming convention would be beneficial. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

**BSR/UL 1981-201x, Standard for Safety for Central-Station Automation Systems (new standard)**

These requirements cover the design, manufacture, implementation, and support of automation system units and accessories intended to be used in central stations and proprietary stations for the reception, processing, dispatch, responses, and record keeping of property protection and life safety signals. For more information contact David Ringle at [d.ringle@ieee.org](mailto:d.ringle@ieee.org).

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## Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

**BSR INCITS PN-1464-D-200x, Alternative Interface Access Protocol (AIAP) (new standard)**

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## Draft IEC & ISO Document

The International Electrotechnical Commission (IEC) and the International Organization for Standardization (ISO) are considering the following document for approval. The document is 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 [czegeers@ansi.org](mailto:czegeers@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.

**ISO/DIS 16258-1**, Workplace air - Analysis of respirable crystalline silica by x-ray diffraction - Part 1: Direct on-filter method -27 December 2013, \$88.00

**ISO/DIS 16258-2**, Workplace air - Respirable crystalline silica by x-ray diffraction - Part 2: Method by indirect analysis – 27 December 2013, \$93.00

**ISO/DIS 2394**, General principles on reliability for structures -30 December 2013, \$155.00

**ISO/IEC DIS 30128**, Information technology - Sensor Networks -Generic Sensor Network Application Interface – 27 December 2013, \$155.00

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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. Most are available at the ANSI Electronic Standards Store (ESS) at [www.ansi.org](http://www.ansi.org).

**ISO 18265:2013**, Metallic materials - Conversion of hardness values, \$235.00

**IEC 60927 Amd.1 Ed. 3.0 b:2013**, Amendment 1 - Auxiliaries for lamps - Starting devices (other than glow starters) – Performance requirements, \$15.00

**IEC 60927 Ed. 3.1 b:2013**, Auxiliaries for lamps - Starting devices (other than glow starters) – Performance requirements, \$264.00

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## 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 following meetings will be held at the Las Vegas Hotel in conjunction with the LDI trade show. Please note that additional task group meetings may be added, and that this schedule is subject to revision. An up to date version is always available at <http://tsp.plasa.org/tsp/meetings/index.php>.

Control Protocols Working Group (CPWG)	09:00 - 13:00	Thursday 21 November 2013
CPWG E1.33 RDMnet Task Group	10:30 - 18:00	Monday 25 November 2013
CPWG E1.31 sACN Task Group	01:00 - 17:00	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 (RWG)	19:00 - 23:00	Wednesday 20 November 2013
RWG BSR E1.x LED Displays Task Group	08:00-13:00	Wednesday 20 November 2013
RWG E1.22 Fire Curtains Task Group	08:00 - noon	Thursday 21 November 2013
RWG E1.43 Performer Flying Task Group	01:00 - 17:00	Thursday 21 November 2013
	08:00 – noon	Friday 22 November 2013
RWG E1.47 Inspections Task Group	08:00 - noon	Wednesday 20 November 2013
	08:00 - noon	Thursday 21 November 2013
Technical Standards Council	13:00 - 17:00	Wednesday 20 November 2013

The following meetings will be held at the D/FW Marriott Solana in Westlake, Texas:

Control Protocols Working Group	09:00 - 13:00	Sunday 19 January 2014
Control Protocols WG Plugfest	16:00 - 23:00	Friday 17 January 2014
	09:00 - 23:00	Saturday 18 January 2014
Control Protocols WG Plugfest	09:00 - 23:00	Sunday 19 January 2014
	09:00 - 23:00	Monday 20 January 2014
Electrical Power Working Group	09:00 - noon	Saturday 18 January 2014
Rigging Working Group	19:00 - 23:00	Saturday 18 January 2014
Technical Standards Council	09:00 - 13:00	Monday 20 January 2014
Working Group Chairs	14:00 - 18:00	Saturday 18 January 2014

# 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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