

PLASA Standards News

September 2012

Volume 16, Number 17

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Two New PLASA Standards Published

Two standards approved by ANSI this summer are now available for purchase from the ESTA Foundation and ANSI's eStandards Store: ANSI E1.6-3 - 2012, *Selection and Use of Serially Manufactured Chain Hoists in the Entertainment Industry*, and ANSI E1.32 - 2012, *Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires*. Both have a list price of \$15.00, but discounts are available for PLASA members on the ESTA Foundation website.

ANSI E1.6-3 - 2012, *Selection and Use of Serially Manufactured Chain Hoists in the Entertainment Industry*, is the first part of the E1.6-x project to come to fruition. This part 3 covers just the selection and use of chain hoists; it does not cover their design or how to control them. Those topics will be covered by other parts of the E1.6-x suite.

ANSI E1.32 - 2012, *Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires*, is a project started to encourage people to regularly inspect luminaires for safety problems. The E1.32 project originally was to cover the inspection of all stage and studio luminaires, but was pared down to units using incandescent lamps. Automated luminaires and instruments with electronic ballasts need fairly sophisticated inspection regimens, and it is harder to make general recommendations about what people should check on them. Although lighting rigs use more automated and non-incandescent luminaires with each passing year, probably most equipment still is non-moving and incandescent-sourced, so this document should be useful in most cases. For those with automated, HID, and LED luminaires, it can provide a starting point to help them develop their own inspection check lists.

Six PLASA Standards in Public Review

Six draft standards are available for public review on the PLASA website. They may be downloaded for free at 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. Please comment no later than the day before that date.

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.

BSR E1.42 – 201x, Entertainment Technology — Safety Standard for Orchestra Pit Lifts. E1.42 is being written to address the lack of a national standard in North America for orchestra pit and forestage lifts and to help establish minimum safety requirements and inspection procedures. The scope is limited to safety and to orchestra or forestage lifts that are installed as a part of the building and that are not custom-built for a single theatrical production. The last day to comment is October 22.

Open Session on Innovation, Sustainable Development, and Standards

The American National Standards Institute has invited all stakeholders to attend an Open Session on innovation, sustainable development, and standards, to be held on Thursday 20 September, at the San Diego Marriott Marquis & Marina, 333 West Harbor Drive in San Diego, California. The event is part of the 2012 General Assembly of the International Organization for Standardization (ISO), which is taking place on September 17-22. The September 20 Open Session will feature keynote speakers Denise Naguib, senior director of sustainability for Marriott International, and Phil McKinney, innovation consultant and former vice president and CTO of Hewlett-Packard's Personal Systems Group. For more information on the Open Session or the 2012 ISO General Assembly, visit <http://www.isoansi2012.org>.

Call to Connect: LDI

The PLASA Control Protocol Pavilion will be offered in booth 2041 at LDI 2012, to be held at the Las Vegas Convention Center, October 19 - 21. Formerly called the Connectivity Pavilion, this pavilion will provide a demonstration area for manufacturers' implementations of PLASA's ANSI lighting control standards.

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.

There is no fee for participating in the Control Protocol Pavilion at LDI, but participants will be expected to ship the product and have it available at the pavilion by 17 October for booth setup and to pick up the product and ship it back after the close of the show on Sunday, 21 October. PLASA also is asking for volunteers to help staff the booth during show hours.

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

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.

Due 15 October 2012

BSR SNT-101-201X, Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Tools (revision of ANSI SNT 101-2002)

The requirements of this standard apply to portable, hand-held, compressed-air-powered tools for driving fasteners, such as nails and staples, into or through concrete, fabric, fiberboard, metal, plastic, wood, wood products, cartons, and other materials.

Single copy price: Free download

Download from: <http://www.isanta.org/Power%20Fastening%20Safety.htm>

Send comments to: John Kurtz, isanta@ameritech.net

Due 5 or 22 October, the NFPA ROC

The National Fire Protection Association announced the availability of its Report on Comments (ROC 2012 FRC) for concurrent review and comment by NFPA and ANSI. ANSI has listed the response deadline as 22 October, but the introductory text provided by the NFPA says "proper Amending Motions have been submitted to the NFPA by the deadline of October 05, 2012." The Report on Comments is available at <http://www.nfpa.org/ROPROC>. The following standards mentioned in the ROC 2012 FRC are likely to be of particular interest to Standards News readers.

BSR/NFPA 70B-201x, Recommended Practice for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-2010)

This recommended practice applies to preventive maintenance for electrical, electronic, and communication systems and equipment and is not intended to duplicate or supersede instructions that manufacturers normally provide. Systems and equipment covered are typical of those installed in industrial plants, institutional and commercial buildings, and large multifamily residential complexes. Consumer appliances and equipment intended primarily for use in the home are not included

BSR/NFPA 140-201x, Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations (revision of ANSI/NFPA 140-2008)

This standard shall address fire protection, property protection, and life safety in motion picture and television industry soundstages, approved production facilities, and production locations. Practices, processes, materials, and facilities that are addressed by other NFPA standards shall be governed by those standards unless modified in this standard.

BSR/NFPA 241-201x, Standard for Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241-2009)

This standard shall apply to structures in the course of construction, alteration, or demolition, including those in underground locations.

BSR/NFPA 705-201x, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2009)

This recommended practice provides guidance to enforcement officials for the field application of an open flame to textiles and films that have been in use in the field or for which reliable laboratory data are not available. There is no known correlation between this recommended practice and NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, or full-scale fire behavior.

BSR/NFPA 801-201x, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2008)

This standard addresses fire protection requirements intended to reduce the risk of fires and explosions at facilities handling radioactive materials. These requirements are applicable to all locations where radioactive materials are stored, handled, or used in quantities and under conditions requiring government oversight and/or license (e.g., U.S. Nuclear Regulatory Commission or U.S. Department of Energy) to possess or use these materials, and to all other locations with equal quantities or conditions. This standard shall not apply to commercial power reactors that are covered by NFPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants, and NFPA 805, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants.

BSR/NFPA 900-201x, Building Energy Code (revision of ANSI/NFPA 900 -2010)

These regulations shall control the minimum energy-efficient requirements for the following:

- (1) The design, construction, reconstruction, alteration, repair, demolition, removal, inspection, issuance, and revocation of permits or licenses, installation of equipment related to energy conservation in all buildings and structures and parts thereof;
- (2) The rehabilitation and maintenance of construction related to energy efficiency in existing buildings; and
- (3) The standards or requirements for materials to be used in connection therewith.

BSR/NFPA 909-201x, Code for the Protection of Cultural Resource Properties - Museums, Libraries, and Places of Worship (revision of ANSI/NFPA 909-2010)

This code describes principles and practices of protection for cultural resource properties (including, but not limited to, museums, libraries, and places of worship), their contents, and collections, against conditions or physical situations with the potential to cause damage or loss. This code covers ongoing operations and rehabilitation and acknowledges the need to preserve culturally significant and character-defining building features and sensitive, often irreplaceable, collections and to provide continuity of operations.

Due 22 October 2012, most definitely

BSR/UL 275-201x, Standard for Safety for Automotive Glass-Tube Fuses (new standard)

This proposed Ninth edition of the Standard for Safety for Automotive Glass Tube Fuses is being issued to obtain ANSI Approval. No technical changes have been made to the standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Valara Davis, Valara.Davis@ul.com

BSR/UL 498A-201X, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2012)

- (1) Addition of requirements for outdoor-use current taps;
- (2) Added requirements for a current tap or adapter with pivoting grounding pin with grounding tab; and
- (3) Added requirements for a current tap employing an integral thermal interruption feature.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Patricia Sena, patricia.a.sena@ul.com

Draft IEC and ISO Standards

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. Comments from Americans on ISO drafts should be sent to Rachel Howenstine at isot@ansi.org. The price when shown is for purchase from ANSI. The final date for offering comments is listed for each draft.

ISO/DIS 16715, Cranes - Hand signals used with cranes - 30 November 2012, \$40.00

ISO/DIS 16716, Cranes - Monitoring for crane design life - 7 December 2012, FREE

ISO/IEC DIS 8652, Information technology - Programming languages - Ada - 9 November 2014 [sic], \$281.00

1/2213/FDIS, Amendment 2 to IEC 60050-131: International Electrotechnical Vocabulary - Part 131: Circuit theory, 5 October 2012

34C/1023/FDIS, Amendment 2 to IEC 61347-1 Ed.2: Lamp controlgear - Part 1: General and safety requirements, 5 October 2012

34A/1608/FDIS, Amendment 1 to IEC 62031 Ed 1: LED modules for general lighting - Safety specifications, 19 October 2012

35/1303/FDIS, IEC 62281/Ed2: Safety of primary and secondary lithium cells and batteries during transport, 2 November 2012

108/490A/FDIS, IEC 62623 Ed 1.0: Desktop and notebook computers - Measurement of energy consumption, 19 October 2012

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 ANSLG C78.43-201x, Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2009)
This standard provides additional lamp data sheets (covering various wattage definitions) related to Single-Ended Metal Halide Lamp standards. Contact: Chad Hudnall, Chad.hudnall@nema.org

BSR/HFES 100-201x, Human Factors Engineering of Computer Workstations (revision of ANSI/HFES 100-2007)

This standard covers operator-machine interface issues associated with computer workstations used regularly in offices (i.e., intentionally built indoor office workplaces) for text-, data-, and simple graphics-processing tasks. This standard applies to computer workstations for a wide range of users; in general, the physical dimensions and force requirements are designed to accommodate at least 90 percent of the North American population. Contact: Lynn Strother, lynn@hfes.org

BSR/NEMA AB 3-201x, Molded Case Circuit Breakers and Their Application (new standard)
NEMA AB 3-2012 application guide covers molded case circuit breakers (MCCB) and molded case switches, single and multiple pole, fused and unfused together with accessories used with them. Contact: Gary MacFadden, gary.macfadden@nema.org

BSR/NEMA KS2-201x, Distribution Equipment Switch Guide, A User's Reference (new standard)

This publication covers application information for distribution equipment switches that are: (a) Rated at not more than 600V and 6000A with or without a horse-power rating; (b) With or without provision for fuses; (c) With current-carrying parts and mechanisms enclosed in metallic or non-metallic cases, or that are enclosed when mounted in an enclosed switchboard, panelboard, or the like; and (d) Manually operable by means of external handles. Contact: Gary MacFadden, gary.macfadden@nema.org

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/APSP-5-2012, Standard for Residential Inground Swimming Pools (revision of ANSI/APSP 5-2011): 27 August 2012

ANSI/ASA S12.62-2012/ISO 9613-2-2012, Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation (national adoption with modifications of ISO 9613-2:1996): 5 September 2012

ANSI/ASME B30.16-2012, Overhead Hoists (Underhung) (revision of ANSI/ASME B30.16-2007): 9/5/2012
ANSI/CEA 931-C-2007 (R2012), Remote Control Command Pass-Through Standard for Home Networking (reaffirmation of ANSI/CEA 931-C-2007): 21 August 2012

ANSI/ISA 95.00.04-2012, Enterprise-Control System Integration - Part 4: Objects and Attributes for Manufacturing Operations Management Integration (new standard): 27 August 2012

INCITS/ISO 9075-14-2012, Information technology - Database languages - SQL - Part 14: XML-Related Specifications (SQL/XML) (identical national adoption of ISO/IEC 9075-14:2011 and revision of INCITS/ISO/IEC 9075-14-2008): 21 August 2012

INCITS/ISO/IEC 9075-1-2012, Information technology - Database languages - SQL - Part 1: Framework (SQL/Framework) (identical national adoption of ISO/IEC 9075-1:2011 and revision of INCITS/ISO/IEC 9075-1-2008): 21 August 2012

INCITS/ISO/IEC 9075-2-2012, Information technology - Database languages - SQL - Part 2: Foundation (SQL/Foundation) (identical national adoption of ISO/IEC 9075-2:2011 and revision of INCITS/ISO/IEC 9075-2-2008): 21 August 2012

INCITS/ISO/IEC 9075-4-2012, Information technology - Database languages - SQL - Part 4: Persistent Stored Modules (SQL/PSM) (identical national adoption of ISO/IEC 9075-4:2011 and revision of INCITS/ISO/IEC 9075-4-2008): 21 August 2012

INCITS/ISO/IEC 9075-11-2012, Information technology - Database languages - SQL - Part 11: Information and Definition Schemas (SQL/Schemata) (identical national adoption of ISO/IEC 9075-11:2011 and revision of INCITS/ISO/IEC 9075-11:2008): 21 August 2012

INCITS/ISO/IEC 9075-9-2008/Cor 1-2012, Information technology - Database languages - SQL - Part 9: Management of External Data (SQL/MED) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-9:2008/Cor 1:2010): 27 August 2012

INCITS/ISO/IEC 9075-10-2008/Cor 1-2012, Information technology - Database languages - SQL - Part 10: Object Language Bindings (SQL/OLB) - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9075-10:2008/Cor 1:2010): 27 August 2012

INCITS/ISO/IEC 9075-13-2008/Cor 1-2012, Information technology - Database languages - SQL - Part 13: SQL Routines and Types Using the Java TM Programming Language (SQL/JRT) - Technical Corrigendum 1 (identical national adoption of O/IEC 9075 -13:2008/Cor 1:2010): 27 August 2012

Newly Published ISO Standards

Listed here are documents recently approved by the International Organization for Standardization. The prices shown are those if purchased from the ANSI Electronic Standards Store at <http://webstore.ansi.org/>. The prices may be lower or higher from other vendors.

ISO 13153:2012, Framework of the design process for energy-saving single-family residential and small commercial buildings, \$135.00

ISO 18435-2:2012, Industrial automation systems and integration - Diagnostics, capability assessment and maintenance applications integration - Part 2: Descriptions and definitions of application domain matrix elements, \$116.00

ISO 5755:2012, Sintered metal materials - Specifications, \$135.00 ISO 5755:2012,

ISO/IEC 23003-1/Amd2/Cor3:2012, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2 - Correction 3, FREE

ISO/IEC 17998:2012, Information technology - SOA Governance Framework, \$193.00

ISO/IEC 29500-1:2012, Information technology - Document description and processing languages - Office Open XML File Formats - Part 1: Fundamentals and Markup Language Reference, \$235.00

ISO/IEC 29500-2:2012, Information technology - Document description and processing languages - Office Open XML File Formats - Part 2: Open Packaging Conventions, \$235.00

ISO/IEC 29500-3:2012, Information technology - Document description and processing languages - Office Open XML File Formats - Part 3: Markup Compatibility and Extensibility, \$235.00

ISO/IEC 29500-4:2012, Information technology - Document description and processing languages - Office Open XML File Formats - Part 4: Transitional Migration Features, \$235.00

TSP Meeting Schedule

The Stage Lifts Working Group meets by Webex generally on the second Monday of each month. However, due to the current public review of its project BSR E1.42, there will be no October meeting, so the next regular meeting will be November 12. For more information, contact Kurt Pragman at Kurt@pragmanassociates.com.

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

Control Protocols Working Group	09:00 - noon	Thursday 18 October 2012
Control Protocols BSR E1.33 Mo RDM TG	10:00 - 18:00	Monday 22 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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