

PLASA Standards News

January 2012 Volume 16, Number 1

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ANSI Approves Revised E1.24, Reaffirmed E1.26, New E1.37-1

In the second week of January 2012, ANSI's Board of Standards Review approved the following:

ANSI E1.24 - 2012, Entertainment Technology - Dimensional Requirements for Stage Pin Connectors.

Approved by ANSI on 10 January 2012. This revised edition is purely a configuration standard, and is meant to be used by NRTLs to ensure that male and female connectors from different manufacturers fit together.

ANSI E1.26 - 2006 (R2011) Entertainment Technology—Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues.

Approved by ANSI on 13 January 2012. This is a reaffirmation of the existing standard for measuring and reporting the shock absorption of live performance floors, such as dance floors and stages.

ANSI E1.37-1 - 2012, Additional Message Sets for ANSI E1.20 (RDM) – Part 1, Dimmer Message Sets.

Approved by ANSI on 13 January 2012. This new standard adds several messages to RDM. Most, but not all, are for configuring dimmers and dimmer racks.

Publication of the three newly approved standards is expected in February.

Plug into the Future with Plugfest 2012

The next PLASA Plugfest is from Friday, January 28, through Sunday, January 30, at the Marriott Solana in Westlake, TX. If you are interested in participating, please contact Scott Blair at sblair@rdmprotocol.org to register. Plugfest is open to all, but registration is advised in order to make space accommodations.

The Plugfest originally was created to test and to improve the Remote Device Management protocol (ANSI E1.20) but it has expanded to cover all of the CPWG protocols, including the popular ANSI E1.31 Lightweight Streaming Protocol for Transport of DMX over ACN. At the Plugfest, manufacturers and members of the Control Protocols Working Group convene to test their newest devices with other manufacturers and their gear. They methodically try to break their software by interconnecting it with a wide variety of devices and test equipment, which are conveniently brought by various attendees and laid out on a group of conference tables in a suite of the Marriott Solana Hotel. When they identify a bug, they fix it on the spot, and try it again until it works properly.

HSE Abandons Pop Code

After a year of work by many within the entertainment industry to revise HSG195, *The Event Safety Guide - A guide to health, safety and welfare at music and similar events* (informally called "The Pop Code"), the UK's Health and Safety Executive has decided to hand over the publication to the Event Safety Forum (EIF).

The Pop Code has been used widely in the UK since it was first published in 1993. It's an encyclopedic guide covering topics such as venue and site design; transport management; structures; electrical installations; sanitary facilities; waste management; camping; facilities for people with special needs; and medical, ambulance, and first-aid management. This breadth is a problem in light of HSE's reduced communications budget; the HSE will not endorse those chapters that fall outside the HSE's legally mandated scope. Omitting those chapters would gut the book, so developing and publishing the next edition has been handed over to the EIF.

The Events Industry Forum is an informal body, which meets twice a year to provide a gathering where events industry trade associations (of which PLASA is one) and similar bodies can meet to discuss issues of common interest. Other than a Chairman and Secretary elected annually to co-ordinate meetings and to disseminate information, the Forum has no formal structure or role, although from time-to-time it may act to represent its member bodies in respect of issues where there is a common cause. More information about the EIF is available at <http://www.eventsindustryforum.co.uk/>.

The most recent edition, the 1999 edition, of HSG 195 is available (at least, for now) for free from the Health and Safety Executive at <http://www.hse.gov.uk/pubns/priced/hsg195.pdf>.

California Energy Commission Sets Battery Charger Efficiency Rules

On 17 January the California Energy Commission published Docket No. II-AAER-2, Order Number 12-0112-12, *ORDER ADOPTING REGULATIONS AND DIRECTING ADDITIONAL RULEMAKING ACTIVITIES*, which sets in motion new energy efficiency standards for battery chargers commonly used with consumer products such as cell phones and tablet computers, and also for industrial products such as walkie-talkies, bar code scanners, and fork lifts. Chargers used on consumer products will be required to comply with the new standard by 1 February 2013. Industrial charger compliance (e.g., ones used with forklifts) is required by 1 January 2014. Compliance for small commercial chargers (e.g., chargers for portable barcode scanners) is required by 1 January 2017. The press release (issued before the publication of the actual order) is available at <http://plasa.me/trdhv>. The order itself can be found at <http://plasa.me/n7loq>. The new energy efficiency requirements can be found at <http://plasa.me/myxij>.

For most *Standards News* readers, the effect of this rulemaking on business will be minimal. When you buy new equipment, it will have more efficient chargers, and you will use a bit less electricity. However, those readers who make or import battery-powered lighting or automated scenery may have some work to do.

UK Trade Body Recommends Revisions to Work-At-Height Legislation

The UK's National Access and Scaffolding Confederation has submitted its recommendations on revisions to the Work at Height Regulations, following Professor Ragnar Löfstedt's review of UK health and safety legislation. The NASC believes that a particular grey area is the use of the terms "competent" and "competence," which occur frequently throughout the current legislation. The organisation has recommended that these be replaced by the word "qualified," which would mean that scaffolders would have to gain a recognised qualification before being allowed to work. If this suggestion is accepted, other working at height industry professionals, such as entertainment industry riggers, would be expected to meet the same requirements. See <http://plasa.me/tj03n> for the press release.

The NASC has written to Whitehall to highlight its recommendations, which it feels will help the Government meet the objectives of the review. PLASA stresses this is only a suggestion to government and that no regulations have been changed at this time.

IPAF Launches MEWP Accident Reporting Initiative

An initiative to improve the safe use of mobile elevated work platforms (MEWP) has been launched by the International Powered Access Federation (IPAF). The project is intended to collect worldwide data on MEWP incidents via an reporting form, which is available at <http://www.ipaf.org/accident>. IPAF is appealing to manufacturers, rental companies, and contractors to report any known MEWP incidents, particularly serious incidents or fatalities. It intends to build a comprehensive record of known incidents and store them in one location and in one common format. This data will then be analysed to identify common trends, so that IPAF can propose possible actions to further improve the safe use of the machines. The project has support from the UK's Health and Safety Executive.

WTO Notifications

The U.S. Department of Commerce's web-based e-mail subscription service, Notify U.S., recently has announced notifications of WTO Technical Barriers to Trade that may be of interest to *Standards News* readers.

Paraguay Notification PRY/43

Date issued: 9 December 2011

Agency responsible: Ministry of Industry and Trade - National Institute of Technology, Standardization and Metrology

National inquiry point: Ministry of Foreign Affairs, WTO Reference Centre (MRE)

Products covered: Plugs and socket-outlets

Title: Draft MERCOSUR Resolution No. 01/11: MERCOSUR Technical Regulation on Plugs and Socket-outlets

Description of content: For the purposes of the notified Technical Regulation, "plugs and socket-outlets" mean fixed or portable devices, for a.c. only, with or without earthing contact, with a rated voltage greater than 50 V but not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors. [The resolution covers connectors designed to operate on 50 to 440 volts and rated for 32 A or less, intended for use in domestic and similar applications ("domésticos y similares"). Is a stage or night club a similar application? ¿Quién sabe?] Mark of conformity certification (ISO System No. 5) is mandatory for the plugs and socket-outlets covered by this Technical Regulation.

Objective and rationale: Protection of human safety

Proposed date of adoption: Not given by country

Proposed date of entry into force: 1 January 2013

Final date for comments: none listed

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/PRY/full_text/pdf/PRY43\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/PRY/full_text/pdf/PRY43(spanish).pdf)

Argentina Notification ARG/266

Date issued: 21 December 2011

Agency responsible: Common Market Group, Technical Subgroup No. 3, "Technical Regulations and Conformity Assessment" (MERCOSUR)

National inquiry point: Dirección Nacional de Comercio Interior (DNCI)

Products covered: Plugs and socket-outlets

Title: Draft Common Market Group Resolution: "MERCOSUR Technical Regulation on Plugs and Socket-Outlets"

Description of content: The notified draft resolution establishes the specific safety requirements for plugs and socket-outlets.

Objective and rationale: User safety

Relevant documents: MERCOSUR/XLV SGT N° 3/P. RES. N° 01/11 (MERCOSUR/XLV Technical Subgroup (SGT) No. 3/Draft Resolution No. 01/11) [This is the same as the Paraguayan resolution.]

Proposed dates of adoption and entry into force: Not given by country

Final date for comments: 27 January 2012

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ARG/full_text/pdf/ARG266\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ARG/full_text/pdf/ARG266(spanish).pdf)

United States of America Notification USA/669

Date issued: 22 December 2011

Agency responsible: Department of Energy (DOE) ; Office of Energy Efficiency and Renewable Energy, Department of Energy (OEERE/DOE)

National inquiry point: National Center for Standards and Certification Information, National Institute of Standards and Technology (NCSCI/NIST)

Products covered: High density discharge lamps, test procedures

Title: Energy Conservation Program for Certain Commercial and Industrial Equipment: Test Procedures for High-Intensity Discharge Lamps

Description of content: The U.S. Department of Energy (DOE) proposes to establish its test procedures for high-intensity discharge (HID) lamps under the Energy Policy and Conservation Act of 1975 (EPCA), as amended. The proposed test procedures are based on industry standard procedures and practices already established by the American National Standards Institute (ANSI), the Illuminating Engineering Society of North America (IES), and the International Commission on Illumination (Commission Internationale de l'Eclairage (CIE)). The proposed test procedures would include measurement of parameters to enable calculation of lamp efficacy (in lumens per watt or lm/W), and would also provide for the efficiency measurement of directional lamps using center beam intensity (in candelas) and beam angle. The proposed procedures would also measure lumen maintenance (i.e., the fraction or percentage of lamp light output relative to initial output, over time) at 40 per cent and 70 per cent of rated lamp lifetime. Correlated color temperature (CCT) and color rendering index (CRI) would also be measured as potential means to delineate equipment classes for HID lamps. This notice of proposed rulemaking (NOPR) also discusses DOE's conclusion that HID lamps do not operate or use energy in standby mode or off mode. Therefore, DOE does not propose test procedures for these modes.

Objective and rationale: Protection of the environment

Relevant documents: 76 Federal Register (FR) 77914, 15 December 2011; Title 10 Code of Federal Regulations (CFR) Parts 429 and 431

Proposed dates of adoption and entry into force: Not given by country

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2011-12-15/pdf/2011-32162.pdf>

Saudi Arabia Notification SAU/266

Date issued: 20 December 2011

Agency responsible: Saudi Arabia Standards Organization (SASO)

National inquiry point: Saudi Arabia Standards Organization (SASO)

Products covered: Lighting chains

Title: The Kingdom of Saudi Arabia/Saudi Standards, Metrology and Quality Organization (SASO)/Luminaires - Part 2-20: Particular Requirements - Lighting Chains

Description of content: This regulation specifies requirements for lighting chains fitted with series- or parallel- or a combination of series/parallel-connected incandescent lamps for use either indoors or outdoors.

Objective and rationale: To ensure safety, efficiency, and quality for lighting chains

Relevant documents: IEC 60598-2-20 Ed3.0/2010

Proposed dates of adoption and entry into force: Not given by country

Final date for comments: 20 February 2012

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/SAU/full_text/pdf/SAU266\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/SAU/full_text/pdf/SAU266(english).pdf)

Saudi Arabia Notification SAU/263

Date issued: 20 December 2011

Agency responsible: Saudi Arabia Standards Organization (SASO)

National inquiry point: Saudi Arabia Standards Organization (SASO)

Products covered: Lampholders

Title: The Kingdom of Saudi Arabia/Saudi Standards, Metrology and Quality Organization (SASO)/Miscellaneous Lampholders - Part 1: General Requirements and Tests

Description of content: Specifies general requirements and tests for miscellaneous lampholders.

Objective and rationale: To ensure safety, efficiency and quality for miscellaneous lampholders.

Relevant documents: IEC 60838-1 Ed 4.1/2008

Proposed dates of adoption and entry into force: Not given by country

Final date for comments: 20 February 2012

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/SAU/full_text/pdf/SAU263\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/SAU/full_text/pdf/SAU263(english).pdf)

Japan Notification JPN/376

Date issued: 20 December 2011

Agency responsible: Ministry of Internal Affairs and Communications

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

Products covered: Radio equipment for a broadcasting system utilizing white space

Title: The Outline of Proposed Amendment to Ministerial Ordinance

Description of content: To establish technical standards on radio wave properties of transmission equipment for the broadcasting system utilizing white space.

Objective and rationale: The relevant rules will be amended to establish technical standards for the broadcasting system utilizing white space, in order to realize small-area broadcasting services which can be received with conventional receivers for the digital terrestrial television broadcasting system (ISDB-T).

Relevant documents: Rules for radio equipment and Transmission standard system about digital broadcasting out of Standard television broadcasting

Proposed date of adoption: 14 March 2012

Proposed date of entry into force: 31 March 2012

Final date for comments: 20 February 2012

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/JPN/full_text/pdf/JPN376\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/JPN/full_text/pdf/JPN376(english).pdf)

Kuwait Notification KWT/120

Date issued: 6 January 2012

Agency responsible: Public Authority for Industry, Standards and Industrial Services Affairs (PAI/KOWSMD)

National inquiry point: Public Authority for Industry, Standards and Industrial Services Affairs (PAI/KOWSMD)

Products covered: Plastic bottles

Title: Plastic bottles used for bottling chemical materials and products

Description of content: This Kuwaiti mandatory standard is concerned with regulation for plastic bottles used for bottling chemical materials and products which specifies the definition of product, and the quality requirements, sampling, methods of testing, transportation and storage and labelling.

Objective and rationale: Safety and Consumer protection.

Proposed dates of adoption and entry into force: Not given by country

Final date for comments: 6 March 2012

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KWT/full_text/pdf/KWT120\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KWT/full_text/pdf/KWT120(english).pdf)

Notify U.S. suggests that US businesses send comments to notifyus@nist.gov at least three business days before the closing date. Include the following information:

- Your name
- Company name
- Contact name at company name

- Date submitted
- Notification commented on (number and title)
- Issue statement: The reason you are submitting comments should be stated clearly and should focus on the technical aspects. If you would have trouble meeting a deadline, indicate when you could comply.
- Supporting rationale statement: You should provide a rationale to support your issue statement. Focus on the technical aspects of the proposed regulation with which you may have issues.

Notify U.S. does not offer advice on what non-US businesses should do about WTO TBT notices that they find objectionable. However, every nation that shares these WTO TBT notices has some means for their constituents to file objections. If you are not a US citizen and have an objection, please find out what your nation's procedure is and tell the editors of *Standards News* so we can tell other readers.

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 6 February 2012

BSR/AWS B2.1/B2.1M-2008-ADD1-201x, Specification for Welding Procedure and Performance Qualification (supplement to ANSI/AWS B2.1/B2.1M-2008)

Provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrogas welding, electron beam welding, electroslag welding, flux cored arc welding, gas metal arc welding, gas tungsten arc welding, laser beam welding, oxyfuel gas welding, plasma arc welding, shielded metal arc welding, stud arc welding, and submerged arc welding. Base metals, filler metals, qualification variables, welding designs, and testing requirements are also included.

Single copy price: \$157.00

Order from: Rosalinda O'Neill, roneill@aws.org

Send comments to: Andrew Davis, adavis@aws.org

BSR/NEMA GR 1-201x, Grounding Rod Electrodes and Grounding Rod Electrode Couplings

(revision of ANSI/NEMA GR 1-2007)

Applies to ground rod electrodes and ground rod electrode couplings that function in accordance with the National Electrical Code (NFPA 70-2005) and/or the National Electrical Safety Code (ANSI C2 -2002).

Single copy price: \$68.00

Order from: NEMA, <http://www.nema.org>

Send comments to: Paul Orr, Pau_orr@nema.org

Due 13 February 2012

BSR/ISO 12100-201x, Safety of machinery - General principles for design - Risk assessment and risk reduction (identical national adoption of ISO 12100:2010)

Specifies basic terminology, principles, and a methodology for achieving safety in the design of machinery. This standard specifies principles of risk assessment and risk reduction to help designers in achieving this objective. Procedures are described for identifying hazards and estimating and evaluating risks during relevant phases of the machine life cycle, and for the elimination of hazards or the provision of sufficient risk reduction.

Single copy price: \$190.00

Order from and send comments to: David Felinski, dfelinski@b11standards.org

Due 21 February 2012

BSR/ASSE A10.5-201x, Safety Requirements for Material Hoists (revision of ANSI/ASSE A10.5-2006)

Applies to material hoists used to raise or lower materials during construction, alteration or demolition.

This standard is not applicable to the use of permanently installed personnel elevators as material hoists.

Single copy price: \$50.00

Order from and send comments to: Timothy Fisher, TFisher@ASSE.org

NFPA Standards Due 22 March 2012

The National Fire Protection Association has announced the availability of its NFPA Report on Proposals (ROP 2012 FRC) for concurrent review and comment by NFPA and ANSI. The disposition of all comments on the items in the Report on Proposals will be published in the semi-annual NFPA Report on Comments (ROC 2012 FRC), a copy of which will be sent to all commentors and to others upon request. All comments for the 2011 Fall Revision Cycle Report on Proposals must be received by 2 March 2012.

The following standards are likely to be of interest to *Standards News* readers. The Report on Proposals released on 23 December 2011 contains the resolutions to the proposals received for them. Anyone wishing to review the Report on Proposals for the 2012 Fall Revision Cycle may do so at <http://www.nfpa.org/ROPROC>. The referenced standards may be purchased from the NFPA.

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

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.

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)

Addresses fire protection, property protection, and life safety in motion picture and television industry soundstages, approved production facilities, and production locations.

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

Applies 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)

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

Controls 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)

Describes the 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.

IEC and ISO Draft International 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 Karen Hughes at isot@ansi.org. Price, when shown, is for purchasing the draft document from ANSI's standards store.

23H/275/FDIS, Amendment 2 to IEC 60309-2: Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional compatibility and interchangeability requirements for pin and contact-tube accessories up to 125 A 690 V, 24 February 2012

ISO/DIS 10393, Consumer product recall - Guidelines, 16 March 2012, \$112.00

ISO/DIS 22313, Societal security - Business continuity management systems - Guidance, 14 March 2012, FREE

ISO/IEC 13818-1/DAmD8, Extensions for simplified carriage of MPEG -4 over MPEG-2, 23 March 2012, \$46.00

ISO/IEC/IEEE DIS 29119-2, Software and Systems Engineering - Software Testing - Part 2: Test Process, 10 March 2012, \$125.00

ISO/IEC/IEEE DIS 29119-3, Software and Systems Engineering - Software Testing - Part 3: Test Documentation, 10 March 2012, \$165.00

New ANS Projects

ANSI has announced the following new projects that might affect the business of *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 C136.42-201x, Roadway and Area Lighting Equipment: SSL Cobra Head Retrofit Mechanical and Electrical Interchangeability (new standard)

Defines the mechanical and electrical requirements for transforming installed HID streetlights to solid-state streetlights. Contact: Megan Hayes, megan.hayes@nema.org

BSR/ESD S11.4-201x, Protection of Electrostatic Discharge Susceptible Items - Static Control Bags (new standard)

Applies to bags used to package electronic devices and assemblies. This standard does not address bags for volatile materials, munitions applications, or packaging that requires United States Department of Defense approval. Contact: Christina Earl, cearl@esda.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/ASSE A10.1-2011, Pre-Project & Pre-Task Safety and Health Planning for Construction and Demolition Operations (new standard): 16 December 2011

ANSI/ASSE A10.26-2011, Emergency Procedures for Construction and Demolition Site (new standard): 19 December 2011

ANSI/ISA 100.11a-2011, Wireless Systems for Industrial Automation: Process Control and Related Applications (new standard): 14 December 2011

INCITS/ISO 8485-1989 (S2011), Programming languages - APL (stabilized maintenance of INCITS/ISO 8485-1989 (R2005)): 14 December 2011

ANSI/NSF 332-2011 (i6), Sustainability Assessment for Resilient Flooring (revision of ANSI/NSF 332-2010): 21 December 2011

ANSI/UL 60950-1-2011, Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 60950 -1-2007): 19 December 2011

ANSI/UL 60950-1-2011a, Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 60950 -1-2007): 19 December 2011

ANSI/UL 60950-22-2011, Standard for Safety for Information Technology Equipment - Safety - Part 22: Equipment to be Installed Outdoors (national adoption with modifications and revision of ANSI/UL 60950-22-2007): 19 December 2011

Newly Published ISO & IEC Standards

Listed here are standards and technical reports recently approved by ISO (the International Organization for Standardization) and the IEC (the International Electrotechnical Commission). 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 10303-101:2011, Industrial automation systems and integration- Product data representation and exchange - Part 101: Integrated application resource: Draughting, \$377.00

ISO 10303-110:2011, Industrial automation systems and integration - Product data representation and exchange - Part 110: Integrated application resource: Mesh-based computational fluid dynamics, \$377.00

ISO 10303-43:2011, Industrial automation systems and integration - Product data representation and exchange - Part 43: Integrated generic resource: Representation structures, \$135.00

ISO 10303-46:2011, Industrial automation systems and integration - Product data representation and exchange - Part 46: Integrated generic resource: Visual presentation, \$377.00

ISO 10303-503:2011, Industrial automation systems and integration - Product data representation and exchange - Part 503: Application interpreted construct: Geometrically bounded 2D wireframe, \$377.00

ISO 10303-504:2011, Industrial automation systems and integration - Product data representation and exchange - Part 504: Application interpreted construct: Draughting annotation, \$377.00

ISO 10303-506:2011, Industrial automation systems and integration - Product data representation and exchange - Part 506: Application interpreted construct: Draughting elements, \$377.00

ISO 10303-517:2011, Industrial automation systems and integration - Product data representation and exchange - Part 517: Application interpreted construct: Mechanical design geometric presentation, \$377.00

ISO 10303-518:2011, Industrial automation systems and integration - Product data representation and exchange - Part 518: Application interpreted construct: Mechanical design shaded presentation, \$377.00

ISO 10303-520:2011, Industrial automation systems and integration - Product data representation and exchange - Part 520: Application interpreted construct: Associative draughting elements, \$377.00

ISO 10303-521:2011, Industrial automation systems and integration - Product data representation and exchange - Part 521: Application interpreted construct: Manifold subsurface, \$377.00

ISO 10303-523:2011, Industrial automation systems and integration - Product data representation and exchange - Part 523: Application interpreted construct: Curve swept solid, \$377.00.

ISO 10303-53:2011, Industrial automation systems and integration Product data representation and exchange - Part 53: Integrated generic resource: Numerical analysis, \$377.00

ISO 10303-58:2011, Industrial automation systems and integration - Product data representation and exchange - Part 58: Integrated generic resource: Risk, \$377.00

ISO 10303-61:2011, Industrial automation systems and integration - Product data representation and exchange - Part 61: Integrated generic resource: Systems engineering representation, \$377.00

ISO 14021/Amd1:2011, Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling) - Amendment 1, \$16.00

ISO 19005-1/Cor2:2011, Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF 1.4 (PDF/A-1) - Corrigendum 2, FREE

TSP Meeting Schedule

The Stage Lifts Working Group is scheduled to meet by Webex from 15:00 to 18:00 Eastern Time on the second Monday of every month, except when it's not. For more information, contact Martin Moore at martinmoore2010@gmail.com.

The meetings listed in the table immediately below will be held at the Marriott Solana in Westlake, TX.

| | | |
|--|---------------|--------------------------|
| Control Protocols Plugfest | 16:00 – 23:00 | Friday 27 January 2012 |
| | 09:00 – 23:00 | Saturday 28 January 2012 |
| | 09:00 - 23:00 | Sunday 29 January 2012 |
| Control Protocols BSR E1.33/E1.37 Mo' RDM TG | 13:00 - 18:00 | Saturday 28 January 2012 |
| | 13:00 - 18:00 | Sunday 29 January 2012 |
| Control Protocols Working Group | 09:00 - 13:00 | Monday 30 January 2012 |
| Electrical Power Working Group | 09:00 - noon | Sunday 29 January 2012 |
| Fog & Smoke Working Group | 19:00 - 23:00 | Sunday 29 January 2012 |
| Photometrics Working Group | 14:00 - 18:00 | Monday 30 January 2012 |
| Rigging BSR E1.6-1 Powered Winch TG | 13:00 -22:00 | Friday 27 January 2012 |
| | 09:00 - 22:00 | Saturday 28 January 2012 |
| Rigging BSR E1.43 Performer Flying TG | 19:00 - 23:00 | Friday 27 January 2012 |
| | 08:00 - noon | Saturday 28 January 2012 |
| Rigging BSR E1.44 Show File TG | 09:00 - 13:00 | Sunday 29 January 2012 |
| Rigging Working Group | 13:00 - 18:00 | Saturday 28 January 2012 |
| Technical Standards Council | 09:00 - 13:00 | Tuesday 31 January 2012 |

| | | |
|----------------------|---------------|------------------------|
| Working Group Chairs | 14:00 - 18:00 | Sunday 29 January 2012 |
|----------------------|---------------|------------------------|

The meetings shown in the table immediately below will be held at the Hyatt Regency Long Beach in conjunction with the USITT Conference and Stage Expo.

| | | |
|---------------------------------------|---------------|-------------------------|
| Control Protocols BSR E1.33 Mo RDM TG | 13:00 - 18:00 | Thursday 29 March 2012 |
| Control Protocols Working Group | 09:00 - 13:00 | Thursday 29 March 2012 |
| Electrical Power Working Group | 09:00 - noon | Wednesday 28 March 2012 |
| Floors Working Group | 08:00 - 11:00 | Saturday 31 March 2012 |
| Rigging Working Group | 19:00 - 23:00 | Friday 30 March 2012 |
| Rigging BSR E1.6-1 Powered Winch TG | 09:00 - 17:00 | Wednesday 28 March 2012 |
| Rigging BSR E1.6-2 Chain Hoist TG | 08:30 - 11:00 | Friday 30 March 2012 |
| Rigging BSR E1.43 Performer Flying TG | 19:00 - 23:00 | Wednesday 28 March 2012 |
| | 09:00 - 13:00 | Thursday 29 March 2012 |
| Technical Standards Council | 13:00 - 17:00 | Wednesday 28 March 2012 |

The meetings listed below will be held at the Hilton New York in conjunction with the NATEAC conference.

| | | |
|---------------------------------|---------------|-----------------------|
| Control Protocols Working Group | 09:00 – 13:00 | Saturday 21 July 2012 |
| Rigging Working Group | 13:00 – 18:00 | Thursday 19 July 2012 |
| Technical Standards Council | 09:00 – 13:00 | Friday, 20 July 2012 |

PLASA Standards News

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