

PLASA Standards News

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Table of Contents

PLASA Survey on Chain Hoist Failures Published.....	1
New Voluntary Artificial Optical Radiation Labeling Standard and Guidance.....	1
A Decade of PLASA Draft Standards in Public Review.....	2
2012 Canadian Electrical Code Online Preview.....	4
Amending Canada's Energy Efficiency Regulations.....	4
No, You Can't Legally Jam Cell Phones.....	4
WTO Notifications.....	5
ANSI Public Review Announcements.....	8
Due 14 November 2011.....	8
Due 21 November 2011.....	8
Due 28 November 2011.....	9
Due 29 November 2011.....	9
Due 13 December 2011.....	9
DIN Public Review Announcements.....	10
Due 31 October 2011.....	10
IEC and ISO Draft International Standards.....	10
New ANS Projects.....	11
Final Actions on American National Standards.....	12
Newly Published ISO & IEC Standards.....	13
TSP Meeting Schedule.....	13

PLASA Survey on Chain Hoist Failures Published

PLASA has published the results of a survey to determine the frequency of electrically powered chain hoist failure. The survey, conducted by Ron Bonner, PLASA's Technical Resources Manager, asked users of chain hoists if they had experienced any hoist failures, and to describe the failure if they had. One hundred thirty-four people responded to the survey, of which 91 were riggers with collectively 1,481 years of experience, and 43 were nonriggers with collectively 853 years of experience associated with rigging activities. A total of 93 failures were reported, which works out to one failure for every 9,160 days of rigging.

The survey suggests that chain hoists are safe, reliable load lifting and suspension machinery if they are maintained per the manufacturer's instructions, installed by a competent person with adequate supervision, and the installation planning includes a robust risk assessment with accurate loading calculations. The survey found no correlation between failures and the use of single or double brakes on chain hoists. The report on the survey is available at <https://www.plasamembers.org/news/story.asp?id=LSHUEY>.

New Voluntary Artificial Optical Radiation Labeling Standard and Guidance

PLASA Technical Resources has published a voluntary labeling standard for manufacturers of entertainment luminaires together with safety guidance for end-users, which are intended to assist manufacturers and

end-users meet the requirements of the Control of Artificial Optical Radiation at Work Regulations 2010 (CAORAWR). Ron Bonner, PLASA's Technical Resources Manager, has worked closely with the Health Protection Agency (HPA) to assess entertainment lighting health effects and the impact the regulations would have on the day-to-day use of entertainment lighting. The documents are based on this research and are aimed at making compliance simple and straightforward while meeting the legislation's requirements.

The *Manufacturers Code of Practice for Labelling Entertainment Lighting Fixtures 2011* (Safety information for the Artificial Optical Radiation (AOR) Directive 2006/25/EC), available at <http://plasa.me/vvxnr>, suggests to luminaire manufacturers how they can assess the optical radiation hazards of their products and communicate this information to end-users so they can do an appropriate risk assessment.

The *Guidance for the risk assessment of exposure to entertainment lighting (non laser) required by the Control of Artificial Optical Radiation at Work Regulations 2010*, available at <http://plasa.me/z2902>, tells the reader how to use the information provided by the luminaire manufacturer, as suggested in the *Manufacturers Code of Practice*, and how to do an assessment of the optical radiation risk of a luminaire if information from the manufacturer is not available. The tools needed for the assessment are few and inexpensive: a light meter that reads in lux, a few of ultraviolet reactive beads, and a four-function calculator.

More information about the two documents is available at <https://www.plasamembers.org/news/story.asp?id=DI5K7P>. Copies of the documents will be stored in the *Standards News* archive.

A Decade of PLASA Draft Standards in Public Review

Ten documents intended to become American National Standards are available for public review at http://tsp.plasa.org/tsp/documents/public_review_docs.php. In numerical order, the documents available for review are:

Document Title	Description	Review Last Day
BSR E1.1 - 201x, Entertainment Technology - Construction and Use of Wire Rope Ladders	E1.1 describes the construction and use of wire rope ladders in the entertainment industry in order to promote worker safety. The existing standard is being revised to accommodate heavier workers.	17 October 2011
BSR E1.6-2 - 201x, Entertainment Technology -- Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry	This draft American National Standard is a part of the BSR E1.6 powered theatrical rigging systems project. This document, BSR E1.6-2, covers the design, inspection, and maintenance of electric chain hoists used in the entertainment industry as part of a performance or in preparation for a performance.	17 October 2011
BSR E1.6-3 - 201x, Selection and Use of Chain Hoists in the Entertainment Industry	This draft standard is part of the BSR E1.6 powered theatrical rigging system project. This part, BSR E1.6-3, establishes minimum safety requirements for the selection and use of serially manufactured electric link chain hoists having capacity of 2 tons or less in the entertainment industry. This part does not address the design or maintenance of these hoists. The purpose of the standard is to provide for the protection of life, limb, and property.	17 October 2011

Document Title	Description	Review Last Day
<p>BSR E1.18-1 - 201x, Standard for the selection, installation, and use of single-conductor portable power feeder cable systems for use at 600 volts nominal or less for the distribution of electrical energy in the entertainment and live-event industries</p>	<p>The BSR E1.18 project is to offer guidance on the selection, installation, and safe use of single-conductor portable power feeder cable systems used in the entertainment and live-event industries. This part, E1.18-1, contains the majority of the recommendations, suitable for most common portable power distribution installations.</p>	<p>17 October 2011</p>
<p>BSR E1.24 - 201x, Entertainment Technology - Dimensional Requirements for Stage Pin Connectors</p>	<p>BSR E1.24 – 201x is a revised version of the existing ANSI E1.24 – 2006. The standard is being revised to clarify its use as a configuration standard giving the mating requirements for male and female pin connectors, contact set-backs from the front face, and marking requirements. The electrical reliability and flammability requirements for pin connectors would be covered by other standards, such as UL 498, Attachment Plugs and Receptacles.</p> <p>All the proposed changes were accepted during the prior two public reviews, except for problems related to the dimensions in figures 5 and 10, and certain requirements in the normative Pin Connector Chart Notes. Therefore, these two figures and notes have been changed and the three pages containing them are being offered for public review.</p>	<p>17 October 2011</p>
<p>BSR E1.25 - 201x, Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface</p>	<p>E1.25 describes the basic conditions for measuring the photometric output of stage and studio luminaires by a variety of testing methods that measure the illumination levels produced by the luminaires on a planar surface. This revised version of the 2006 standard has been rewritten to better support the measurement of luminaires with LED sources.</p>	<p>31 October 2011</p>
<p>BSR E1.32 - 201x, Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires</p>	<p>This document provides guidance in the inspection of stage and studio luminaires used in the entertainment industry to evaluate their safety and any needed maintenance. The information contained in this document is intended to supplement the information contained in manufacturers' maintenance instructions.</p>	<p>17 October 2011</p>
<p>BSR E1.33-201x, Entertainment Technology - Extensions to E1.31 for Transport of ANSI E1.20</p>	<p>E1.33 is a set of extensions to E1.31 to support ANSI E1.20 functionality, while maintaining E1.31's compatibility with the E1.17 (ACN) control architecture and ANSI E1.11 (DMX512-A). The E1.31 protocol is intended to be suitable for implementation in hardware with very limited resources, which is expected to be used in simpler entertainment lighting control systems.</p>	<p>17 October 2011</p>

Document Title	Description	Review Last Day
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.	17 October 2011
BSR E1.41 - 201x, Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources	BSR E1.41 offers recommendations for measuring and reporting the output of LED luminaires used in the live entertainment industry. This industry needs unusually precise color and color rendering characterization, which this document provides. Current methods for luminaire output measurement assume the use of broad-band emitters, which LEDs are not, and do not deal well with characterizing the intensely colored light LEDs can produce.	17 October 2011

2012 Canadian Electrical Code Online Preview

CSA has announced an on-line preview of the 180+ changes planned for the 2012 edition of the Canadian Electrical Code. The event will be 90 minutes long and will be held on Tuesday 1 November 2011. You can sign up for it at <http://plasa.me/avyl5>. (The CSA URL is 251 characters long! Succinct CSA is not.) The cost is \$49 Canadian.

Amending Canada's Energy Efficiency Regulations

Amendment 11 to the Energy Efficiency Regulations was published on 12 October 2011 in the Canada Gazette, Part II (<http://canadagazette.gc.ca/rp-pr/p2/2011/2011-10-12/html/sor-dors182-eng.html>) and comes into force six months after publication, on 12 April 2012. This is the second of three planned amendments to the Energy Efficiency Regulations to deliver energy, greenhouse gas, and air pollutant reductions as part of Canada's Clean Air Regulatory Agenda.

Most of the changes to the existing minimum energy performance standards (MEPS) are for things like residential gas boilers and televisions, which are unlikely to affect the business interests of *Standards News* readers. However, business interests are likely to be affected by the new regulations for motors and transformers. See <http://oe.nrcan.gc.ca/regulations/amendment11/electric-motors-oct2011.cfm> and <http://oe.nrcan.gc.ca/regulations/amendment11/dry-type-transformers-oct2011.cfm>.

No, You Can't Legally Jam Cell Phones

On October 5 the Federal Communications Commission published a press release announcing that it had issued 20 enforcement actions against online retailers for illegally marketing more than 200 models of cell phone jammers, GPS jammers, Wi-Fi jammers, and similar signal jamming devices. These devices have the capacity to prevent, block, or otherwise interfere with authorized radio communications in violation of section 302(b) of the Communications Act and sections 2.803 and 15.201(b) of the Commission's rules. The Enforcement Bureau's actions are intended to warn retailers and potential purchasers that marketing, selling, or using signal jamming devices in the U.S. is illegal. In the Omnibus Citation and Order, the Bureau emphasized that because signal jamming devices work by indiscriminately interrupting or interfering with communications, the use of a jamming device in a classroom, theater, church, restaurant, or other public place could prevent someone in the vicinity of the jammer from making an emergency call to 9-1-1, the police, a fire department, or a family member in trouble. The full text of the Omnibus Citation and Order is available at: http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-11-1661A1.pdf. See the FAQ on jammers at <http://transition.fcc.gov/eb/jammerenforcement/jamfaq.pdf>.

WTO Notifications

The U.S. Department of Commerce's web-based e-mail subscription service, Notify U.S., recently has announced a few notifications of WTO Technical Barriers to Trade that may be of interest to *Standards News* readers. They are sorted by comment deadline, with announcements with no comment deadline listed first.

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

Date issued: 28 September 2011

Corrigendum type: Addendum

Correction type: Correction with full text

Corrigendum: TITLE: Energy Conservation Program: Compliance Certification for Electric Motors

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

Action: Final rule; technical amendment

Summary: This final rule provides a new means for manufacturers of electric motors and their private labellers to prepare and submit Compliance Certification information to the Department of Energy (DOE or the "Department") through an electronic Web-based tool, the Compliance and Certification Management System (CCMS). The CCMS is the preferred mechanism for submitting Compliance Certification information for electric motors covered under the Energy Policy and Conservation Act (EPCA), as amended. This rule is also being issued to correct the sample Compliance Certification form currently located in Appendix C to Subpart B of 10 CFR Part 431 to be consistent with the Energy Independence and Security Act of 2007 (EISA 2007) energy conservation standards. Additionally, this rule updates the contact information for submitting Compliance Certification information through certified mail.

Dates: Effective date: 23 September 2011.

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2011-09-23/html/2011-24500.htm>

Albania Notification ALB/47

Date issued: 26 September 2011

Agency responsible: Ministry of Economy, Trade and Energy

National inquiry point: General Directorate for Standardization

Products covered: Labelling, energy consumption, consumer information

Title: Draft Law of the Parliament "On the Indication by Labelling and Standard Product Information of the Consumption of Energy and Other Resources by Energy-Related Products"

Description of content: This Draft Law defines the obligations to inform the end-users of energy consumption and other appropriate sources of major products during their use have an impact on energy consumption. This information is provided especially through labelling, standard information and additional information, enabling the end-user the choice of more efficient products.

Objective and rationale: The Draft Law will apply to energy-related products which have a significant direct or indirect impact on the consumption of energy and, where relevant, on other essential resources during the use. This Draft Law shall not apply to the second-hand products, any means of transport for persons or goods and the rating plate or its equivalent affixed for safety purposes to products.

Relevant documents: Directive 2010/30/EU of the European parliament and of the Council of 19 May 2010 "On the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products".

Proposed date of adoption: 1 September 2011

Proposed date of entry into force: 1 November 2011

Final date for comments: 26 November 2011 (after it's in force!)

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ALB/full_text/pdf/ALB47\(albanian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ALB/full_text/pdf/ALB47(albanian).pdf)

Kyrgyz Republic Notification KGZ/25

Date issued: 26 September 2011

Agency responsible: Ministry of Economic Regulation

National inquiry point: Technical Regulation and Conformity Assessment Enquiry Point, Ministry of Economic Regulation

Products covered: Material-handling equipment

Title: Safety of Material-Handling Equipment and Processes of Its Operation

Description of content: This technical regulation establishes the minimum safety requirements for: supervised material-handling equipment, supplied to the market of the country and enumerated in Application 1; assembly units of material handling equipment supplied to the market separately; process of operating the material handling equipment.

Objective and rationale: Ensuring the protection of human life and health.

Relevant documents: To be available in Russian on the homepage of the Technical Regulation Department, <http://www.uotr.el.kg>

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 26 November 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KGZ/full_text/pdf/KGZ25\(russian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KGZ/full_text/pdf/KGZ25(russian).pdf)

Israel Notification ISR/533

Date issued: 30 September 2011

Agency responsible: Israel WTO-TBT Enquiry Point, Ministry of Industry, Trade and Labor (MOITAL)

National inquiry point: Israel WTO-TBT Enquiry Point, Ministry of Industry, Trade and Labor (MOITAL)

Products covered: Audio, video and similar electronic apparatus (HS Chapter 85)

Title: Audio, Video and Similar Electronic Apparatus - Safety Requirements

Description of content: First amendment to the Mandatory Standard SI 60065. This amendment changes the following: Adds to paragraph 1.2 dealing with the normative references also a reference to 2 new Energy Source Regulations; Adds a new paragraph, 202, dealing with the power supply consumption. This paragraph adds new requirements and permissible deviations for stand-by condition and for maximum television wattage demand.

Objective and rationale: Protection of human life

Relevant documents: Mandatory Standard SI 60065 (March 2009), International Standard IEC 60065 - Edition 7.1: 2005-12

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 30 November 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR533\(hebrew\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR533(hebrew).pdf)

Israel Notification ISR/534

Date issued: 30 September 2011

Agency responsible: Israel WTO-TBT Enquiry Point, Ministry of Industry, Trade and Labor (MOITAL)

National inquiry point: Israel WTO-TBT Enquiry Point, Ministry of Industry, Trade and Labor (MOITAL)

Products covered: Information technology equipment (HS 8471)

Title: Information Technology Equipment - Safety: General Requirements

Description of content: First amendment to the Mandatory Standard SI 60950 part 1. This amendment changes the following: Adds a new paragraph, 1.201, dealing with the power supply consumption in stand-by condition. This paragraph adds a new reference to new Energy Source Regulations. Adds a new annex, P, dealing with the normative references also a reference to a new Energy Source Regulation.

Objective and rationale: Protection of human life

Relevant documents: Mandatory Standard SI 60950 part 1 (May 2009), International Standard IEC 60950-1: December 2005

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 30 November 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR534\(hebrew\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR534(hebrew).pdf)

Switzerland Notification CHE/138

Date issued: 28 September 2011

Agency responsible: Federal Office for Communications

National inquiry point: Swiss Association for Standardization (SNV)

Products covered: Telecommunication equipment: radio equipment and telecommunication terminal equipment

Title: Decree of the Federal Office for Communications on telecommunications installations (OOIT)

Description of content: Partial revision of the Decree of the Federal Office for Communications on telecommunications installations (OOIT). Some radio interface regulations have also been updated to take in account changes occurred in the spectrum management. The term IMT has been replaced by MFCN (Mobile/Fixed Communications Networks) in some radio interface regulations. The reference to ECC/DEC(10)01 has been added for SAP/SAB video links in the 10.00 - 10.68 GHz frequency band. The use of the 64.010-65.990 GHz frequency band by point to point links will be license free. The 2000 MHz channelling in the frequency bands 71-76 GHz and 81-86 GHz has been removed. Introduction of 6.25 kHz channelling for analogue and digital PMR systems in following frequency bands: 68-87.5 MHz, 146.8-147.6 MHz, 150.4-151.4 MHz, 155-174 MHz, 406.1-418 MHz, 420-428 MHz and 440-470 MHz Review of the references for IMT-2000 satellite components in the 1980-2010 MHz frequency band. Spectrum access techniques requirements (or mitigation techniques requirements) have been aligned to the European community decision on harmonisation of the radio spectrum for use by short-range devices for active medical implants and associated peripherals in the 401-406 MHz frequency band. Some frequency bands from 447 MHz to 782 MHz have been identified to be used with a licence for one-way wireless audio links with a maximum radiated power of 5 W ERP. The use of some ISM frequencies in the 433 MHz with a maximum radiated power of 500 mW or 2.5 W will be restricted from 1st January 2013 to equipment having a duty cycle of maximum 1% or mitigations techniques as LBT + AFA.

Objective and rationale: OOIT must be amended to precise some provisions and to follow the evolution of the frequency management in Europe. The use of some frequency bands has also been précised.

Relevant documents: - Decree of 14th June 2002 of the Federal Office for Communications on telecommunications installations (RS 784.101.21; RO 2002 2111), available in French, German and Italian.

- And its modifications of 10th February 2003 (RO 2003 335), of 19th Mai 2003 (RO 2003 1490), of 15th December 2003 (RO 2003 5193), 20 January 2005 (RO 2005 681), 19 May 2005 (RO 2005 2219), 7th September 2005 (RO 2005 4627) 21 November 2005 (RO 2005 5139), 3 July 2006 (RO 2006 2915), 15 November 2006 (RO 2006 4665), 9th March 2007 (RO 2007 1001), 2 Mai 2007 (RO 2007 2263), 17 September 2007 (RO 2007 4427), 30 November 2007 (RO 2007 7081) 28 April 2008 (RO 2008 1907), 5 December 2008 (RO 2008 6471), 17 August 2009 (RO 2009 4229), 30rd November 2009 (RO 2009 6543), 15 March 2010 (RO2010 959), 16 August 2010 (RO 2010 3549), 1 November 2010 (RO 2010 5067), 7 April 2011 (RO 2011 1395) and 5 September 2011 (RO 2011 4339).

- Draft radio interface regulations will be available from 3 October 2011 at

<http://www.bakom.admin.ch/org/grundlagen/00563/00575/02143/index.html?lang=en>

Proposed date of adoption: Not given by country

Proposed date of entry into force: 1 January 2012

Final date for comments: 1 December 2011

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE138\(german\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE138(german).pdf) and [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE138\(french\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE138(french).pdf)

Kenya Notification KEN/300

Date issued: 4 October 2011

Agency responsible: Kenya Bureau of Standards, Standards Information Resource Centre (KEBS)

National inquiry point: Kenya Bureau of Standards, Standards Information Resource Centre (KEBS)

Products covered: Measurement and assessment of noise emission and exposure

Title: KS 2048-4: 2011 Part 4: Noise Control Management

Description of content: Provides requirements and guidance on the management of noise control in occupational settings and applies to all types of workplaces and to all types of sounds.

Sections 2, 3 and 4 are respectively concerned with procedures for incorporating noise control in the design of new workplaces, the implementation of noise control procedures in existing workplaces and the provision of complementary technical information on basic noise control techniques applicable to both new and existing workplaces.

Objective and rationale: Occupational safety

Relevant documents: AS 2659 Guide to the Use of Sound Measuring Equipment 265

Proposed date of adoption: Not given by country
Proposed date of entry into force: Not given by country
Final date for comments: 4 December 2011

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 participates in sharing 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 14 November 2011

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

Applies 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, and other materials.

Order from and send comments to: John Kurtz, isanta@ameritech.net

Single copy price: Free download

BSR/NEMA KS 3-201x, Guidelines for Inspection and Preventive Maintenance of Switches Used in Commercial and Industrial Applications (new standard)

Sets forth, for use by qualified personnel, basic procedures for the inspection and preventive maintenance of switches used in industrial and commercial applications rated up to and including 600 V 50/60 Hz AC or DC.

Order from and send comments to: Gerard Winstanley, ger_winstanley@nema.org

Single copy price: Free!

Due 21 November 2011

BSR A14.7-201x, Mobile Ladder Stands & Mobile Ladder Stand Platforms (revision of ANSI A14.7-2006)

Establishes the performance specifications for design and manufacture of a variety of mobile ladder stands/mobile ladder stand platforms. This standard sets forth requirements that must be considered and built into the devices to provide for proper operation.

Order from and send comments to: Janet Rapp, jrapp@smithbucklin.com

Single copy price: \$50.00

BSR/ARMA 19-201x, Policy Design for Managing Electronic Messages (new standard)

Sets the requirements for managing electronic messages as records and extends to text-based electronic messages or communications including E-mail, instant messaging (IM), and text messaging (SMS). This publication will not include: video messaging; voicemail/audiobased messaging applications; and other electronic messaging platforms within the context of social media.

Obtain an electronic copy from: <http://www.arma.org/standards/development/index.cfm>

Send comments to: standards@armaintl.org

Single copy price: N/A

BSR MH10.8.12-201x, Unit loads and transport packages - Component marking (new standard)

Provides for common structure for encoding data to be marked on electronic components to facilitate automation. Provides a means for components to be marked and read in a fixtured environment for subsequent manufacturing operations. Intended applications include component traceability and tracking.

Order from and send comments to: Michael Ogle, mogle@mhia.org

Single copy price: \$10.00

BSR MH10.8.15-201x, Specification for XML Reader Output from ISO/IEC 15434 formatted AIDC Media (new standard)

Specifies, for an Automatic Identification and Data Capture (AIDC) reader manufacturer, the preferred output of an AIDC reader when processing ISO/IEC 15434 formatted data. The standard is intended to cover the processing of all AIDC media. It specifies that the output be provided in an XML format suitable for display in Internet Explorer and usable in other applications. The specifications are intended to cover the output from processing of all current and future Format Indicators included in ISO/IEC 15434.

Order from and send comments to: Michael Ogle, mogle@mhia.org

Single copy price: \$10.00

Due 28 November 2011

BSR/ISA 62443.03.03 (99.03.03)-201x, Security for Industrial Automation and Control Systems: System Security Requirements and Security Assurance Levels (new standard)

Prescribes the system security requirements related to the seven foundational requirements defined in ISA 99.01.01-2007, and assigns system security assurance levels to the system under consideration.

Order from and send comments to: Charles Robinson, crobinson@isa.org

Single copy price: \$99.00

Due 29 November 2011

BSR/ASSE A10.43-201x, Confined Space Entry for Construction and Demolition Operations (new standard)

Sets forth the minimum elements of a program that defines the responsibilities of construction employers to be followed while entering, exiting, and working in confined spaces at atmospheric pressure.

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

Single copy price: \$50.00

Due 13 December 2011

BSR/ASSE Z359.14-201x, Safety Requirements for Self-Retracting Devices For Personal Fall Arrest and Rescue Systems (new standard)

Establishes requirements for the performance, design, testing, markings and instructions, inspections, maintenance, storage, and removal from service of self-retracting devices, including various types of self-retracting lanyards. This standard establishes requirements for SRDs intended for use in personal fall arrest or rescue systems for persons weighing in the range from 130 to 310 pounds (59 to 141kg).

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

Single copy price: \$80.00

BSR/IEEE 802.11s-2011, Information Technology - Telecommunications and Information Exchange Between Systems - Local (supplement to ANSI/IEEE 802.11-1999 (R2003))

Describes protocols for IEEE 802.11 stations to form self-configuring multi-hop topology networks that supports both broadcast/multicast and unicast delivery.

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

Send comments to: Karen Evangelista, k.evangelista@ieee.org

Single copy price: \$199.00

BSR/UL 1008S-201x, Standard for Safety for Solid-State Transfer Switches (Proposal dated 10-14-11) (new standard)

Covers solid-state automatic transfer switches intended for use in ordinary locations to provide for lighting and power only in optional stand-by systems in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70.

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

Send comments to: Linda Phinney, Linda.L.Phinney@us.ul.com

Single copy price: Contact comm2000 for pricing and delivery options

DIN Public Review Announcements

The Deutsches Institut für Normung (DIN) has announced a draft document available for public review that may be of interest to *Standards News* readers. After registering with DIN at <http://www.entwuerfe.din.de/>, you may access and comment on DIN draft standards on-line. Some may be read for free, but others are for sale. DIN standards are in German, but some or all of the text may be in English or another language. The description here is translated from the information provided on the DIN website in German.

Due 31 October 2011

DIN 5031-10, Radiation in the optical physics and illuminating engineering - Part 10: Photo biologically effective radiation, dimensions, symbols and action spectra

The products described in this draft standard method used to evaluate the thermal and photo-biological effects of optical radiation. The photobiological effects of concern involve changes in the chemical structure of matter and in the morphogenesis of organisms. These effects mainly depend on the number of absorbed photons and their energy, and are therefore dependent on: irradiation (dose) H (see DIN 5031-1), irradiance E (see DIN 5031-1) - radiance L (see DIN 5031-1), radiation function S (λ) (see DIN 5031-8), the relative spectral sensitivity of the receiver (see DIN 5031-2), and so on. Phototherapeutic and photosensitizing effects are only partially covered in this draft. This draft does not deal with photometric and colorimetric effects. This draft standard does not apply to the determination of ratings and exposure limits in workplaces. The exposure limits in the EU-Directive 2006/25/EC are established in Germany and are implemented in the health and safety regulations for artificial optical radiation.

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.

34D/1036/FDIS, IEC 60598-2-18 amd 1: Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications, 25 November 2011

48D/488/FDIS, IEC 61969-1 Ed 2.0: Mechanical structures for electronic equipment - Outdoor enclosures - Part 1: Design guidelines, 28 October 2011

81/413/FDIS, IEC 62561-7 Ed. 1.0: Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds, 28 October 2011

ISO 7010/DAMd115, Safety sign E024: Evacuation temporary refuge, 4 January 2012, \$29.00

ISO 7010/DAMd116, Safety sign E025: Emergency call point, 4 January 2012, \$29.00

ISO 7010/DAMd117, Safety sign E026: First aid call point, 4 January 2012, \$29.00

ISO 7010/DAMd118, Safety sign F007: Fire alarm sounder, 4 January 2012, \$29.00

ISO/DIS 11064-4, Ergonomic design of control centres - Part 4: Layout and dimensions of workstations, 24 December 2011, \$107.00

ISO/DIS 14119, Safety of machinery - Interlocking devices associated with guards - Principles for design and selection, 24 December 2011, \$134.00

ISO/DIS 14644-8, Cleanrooms and associated controlled environments - Part 8: Classification of air cleanliness by chemical concentration, 17 December 2011, \$88.00

ISO/DIS 22400-2, Automation systems and integration - Key performance indicators for manufacturing operations management - Part 2: Definitions and descriptions, 4 January 2012, \$155.00

ISO/IEC DIS 18000-62, Information technology - Radio frequency identification for item management - Part 62: Parameters for air interface communications at 860 MHz to 960 MHz Type B, 25 December 2011, FREE

ISO/IEC DIS 18000-63, Information technology - Radio frequency identification for item management - Part 63: Parameters for air interface communications at 860 MHz to 960 MHz Type C, 25 December 2011, FREE

ISO/IEC DIS 25064, Systems and software engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for usability: User needs report, 31 December 2011, FREE

ISO/IEC FCD 25063, Systems and software engineering - Systems and software product Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for usability: Context of use description, 31 December 2011, FREE (Cheap at twice the price!)

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 ASQ/ISO 19011-201x, Guidelines for auditing management systems (identical national adoption of ISO 19011)

Provides guidance on auditing management systems, including the principles of auditing, managing an audit program and conducting management system audits, as well as guidance on the evaluation of competence of individuals involved in the audit process, including the person managing the audit program, auditors, and audit teams. Contact: Angela Harris, standards@asq.org

BSR ASSE A10.8-201x, Scaffolding Safety Requirements (revision of ANSI ASSE A10.8-2001)

Establishes safety requirements for the construction, operation, maintenance and use of scaffolds used in the construction, alteration, demolition, and maintenance of buildings and structures. This standard does not cover permanently installed suspended scaffold systems or aerial platforms. Contact: Timothy Fisher, TFisher@ASSE.org

BSR ASSE Z244.1-201x, Control of Hazardous Energy - Lockout/Tagout and Alternative Methods

(revision of ANSI ASSE Z244.1-2003 (R2008))

Establishes requirements for the control of hazardous energy associated with machines, equipment, or processes that could cause injury to personnel. Contact: Timothy Fisher, TFisher@ASSE.org

BSR/NECA 100-201x, Symbols for Electrical Construction Drawings (revision of ANSI/NECA 100-2006)

Describes graphic symbols used to represent electrical wiring equipment on construction drawings. Contact: Michael Johnston, am2@necanet.org

BSR/NECA/IESNA 502-201x, Standards for Installing Industrial Lighting Systems (revision of ANSI/NECA/IESNA 502-1999 (R2006))

Describes installation procedures for lighting systems commonly used in industrial and storage buildings, including, but not limited to, the following:

- (a) High-intensity discharge (HID) low-bay and high-bay lighting systems;
- (b) Fluorescent strip lights and general-purpose industrial overhead lighting systems;
- (c) Common special-purpose and special-environment industrial luminaires; and
- (d) Lighting installed on industrial wireway and track lighting systems.

Contact: Michael Johnston, am2@necanet.org

INCITS/ISO/IEC 14882-201x, Information technology - Programming language - C++ (identical national adoption and revision of INCITS/ISO/IEC 14882-2003 (R2008))

Specifies requirements for implementations of the C++ programming language. The first such requirement is that they implement the language, and so this international standard also defines C++. Other requirements and relaxations of the first requirement appear at various places within this international standard. Contact: Deborah Spittle, dspittle@itic.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 N43.1-2011, Radiation Safety for the Design and Operation of Particle Accelerators (new standard): 6 October 2011

ANSI/ASME BTH-1-2011, Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2008): 23 September 2011

ANSI/ITSDF B56.8-2011, Standards Safety for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2006): 5 October 2011

ANSI/NEMA ANSLG C78.377-2011, Specifications for the Chromaticity of Solid State Lighting Products for Electric Lamps (revision of ANSI/NEMA ANSLG C78.377-2008): 6 October 2011

ANSI/SPRI/FM 4435/ES-1-2011, Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems (revision and redesignation of ANSI/SPRI ES-1-2003): 29 September 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.

IEC/TR 62728 Ed. 1.0 en:2011, Display technologies - LCD, PDP and OLED - Overview and explanation of differences in terminology, \$56.00

ISO 10303-235/Cor1:2011, Industrial automation systems and integration - Product data representation and exchange - Part 235: Application protocol: Engineering properties for product design and verification - Corrigendum 1, FREE

ISO 11320:2011, Nuclear criticality safety - Emergency preparedness and response, \$65.00

ISO 14906:2011, Electronic fee collection - Application interface definition for dedicated short-range communication, \$206.00

ISO 5912:2011, Camping tents, \$104.00

ISO 80000-1/Cor1:2011, Quantities and units - Part 1: General - Corrigendum 1, FREE

ISO 9836:2011, Performance standards in building - Definition and calculation of area and space indicators, \$98.00

ISO/IEC 15938-6/Amd4:2011, Reference software for video signature tools, \$16.00

ISO/IEC 15938-7/Amd6:2011, Conformance testing for video signature tools, \$16.00

ISO/IEC 18046-1:2011, Information technology - Radio frequency identification device performance test methods - Part 1: Test methods for system performance, \$167.00

ISO/IEC 29176:2011, Information technology - Mobile item identification and management - Consumer privacy-protection protocol for Mobile RFID services, \$65.00

ISO/IEC TR 27008:2011, Information technology - Security techniques - Guidelines for auditors on information security controls, \$135.00

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. For more information, contact Martin Moore at martinmoore2010@gmail.com.

The meetings listed in the table immediately below will be held at the Orlando Hilton in Orlando, Florida in conjunction with the LDI trade show.

Control Protocols BSR E1.33/E1.37 Mo RDM TG	09:30 – 17:00	Monday 31 October 2011
Control Protocols WG	09:00 – 10:45	Thursday 27 October 2011
Control Protocols VLC TG	11:00 - 13:00	Thursday 27 October 2011
Electrical Power WG	19:00 – 23:00	Friday 28 October 2011
Photometrics WG	08:00 – 10:00	Friday 28 October 2011

Rigging BSR E1.21 Outdoor Structures TG	08:00 – noon	Wednesday 26 October 2011
Rigging BSR E1.39 PFAS TG	13:00 - 18:00	Thursday 27 October 2011
Rigging BSR E1.43 Performer Flying TG	13:00 – 17:00	Wednesday 26 October 2011
Rigging BSR E1.44 Show File - Stage Machinery TG	13:00 – 17:00	Thursday 27 October 2011
Rigging BSR E1.6-2 Chain Hoist TG	09:00 - noon	Thursday 27 October 2011
Rigging WG	19:00 - 23:00	Wednesday 26 October 2011
Technical Standards Council	13:00 – 17:00	Wednesday 26 October 2011

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

Control Protocols RDM 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 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
	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 meeting schedule for the USITT Conference in March 2012 at the Long Beach Convention and Entertainment Center is still to be determined. Watch this space!

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

Control Protocols Working Group	09:00 – 13:00	Saturday 21 July 2012
Rigging Working Group	13:00 – 6pm	Thursday 19 July 2012
Technical Standards Council	09:00 – 13:00	Friday, 20 July 2012

PLASA Standards News

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