

PLASA Standards News

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PLASA Public Review: Last Call For Comments on ANS for Cable in Canada

This is the last call for comments on BSR E1.51. The draft standard is available for download at http://tsp.plasa.org/tsp/documents/public_review_docs.php. Comments are due by the end of the day on the date listed below. The review is over—finished—when the "End Date" on the website is reached.

Due 17 November 2014

BSR E1.51 - 201x, 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 Television, Film, Live Performance, and Event Industries in Canada is intended to offer guidance in accordance with existing applicable standards and regulations in Canada on how to select, install, use and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada. It is available for public review *through 17 November 2014*.

TSP at LDI 2014

If you are going to be at LDI in a couple weeks, please take the time to check out some of the PLASA sessions happening. There are 10, count them, TEN 90-minute sessions, which will take place as part of the LDInnovation and Technology Conference. All TSP and PLASA members can get in free to these sessions by

having a PLASA sticker on their badges. Visit the PLASA Booth #1469 for your sticker! Session presenters will have stickers at the door, too, if you can't make it to the booth in time.

In addition to the 90-minute sessions, there will be a 10- to 20-minute presentation happening inside the booth every half-hour, beginning at 10:30 a.m. on both Friday and Saturday, 21-22 November. See the descriptions for **Standards on the Stage** below the descriptions of the **90-minute Sessions**.

90-Minute Sessions

Thursday, 20 November

1:30-3:00pm

P01: *Cool Things That ACN and RDM Are Already Doing*

These days, modern lighting protocols all seem to be a confusingly jumbled soup of letters. And no one's actually using them, right? So, what's the point of having ACN and RDM when we've still got DMX? This talk is dedicated, not to the new protocols themselves, but to the cool things that they're already making happen. Panelists: Maya Nigrosh, ETC; Philip Nye, Acuity Brands, Inc.; Peter Willis, Howard Eaton Lighting, Ltd

3:30pm-5:00pm

PT02: *Rescue Planning* - Bill Sapsis, Sapsis Rigging Inc., 1.5 ETCP Renewal Credits

Personal fall protection systems can save a worker from serious injury or death, but there must be a way to rescue the worker safely. The length of time a person can hang in a fall arrest harness without medical complications is short. "Call the fire department," is rarely a viable option. What do you do? This session will explain.

Friday, 21 November

9:00-10:30am

PT03: *Outdoor Structures: What's New In ANSI E1.21 And Why Old Is Too Old*, .75 ETCP Renewal Credits

Members of PLASA's Rigging Working Group explain how ANSI E1.21 has been revised to cover more than stage roofs and to give better guidance on who "the user" is. Also how Operations Management Plans need to be venue and event-specific. Learn how relying on decades old load tables and engineering analysis may get you into serious trouble.

Panelists: Tray Allen, James Thomas Engineering; Adrian Forbes-Black, Total Structures; Greg Hareld, Kleege Industries; Jeff Reder, Clark-Reder; Elmer Veith, Total Structures

11:00am-12:30pm

PT04: *Billions Of Color Options: The Best And Worst Part About LEDs*

LED lights are here to stay, but turning them on and getting them the same color twice is not as simple as switching on the reading light by your bed. Advanced abstracted control systems go a long way to simplifying some of these tasks, but getting what you want on stage can be daunting, if you don't take the time to understand what the console and lights do and how they interact with each other. This seminar will help you understand the technology in solid-state lighting so that you can use it easily and quickly, allowing your audience to appreciate it even if they are unaware of how complex it may be. Robert Bell and Mike Wood outline the fundamental problems with using solid state lighting and getting the color you expect.

Panelists: Robert Bell, Pathway Connectivity Solutions; Mike Wood, Mike Wood Consulting

1:30pm-3:00pm FREE TO ALL ATTENDEES WITH A BADGE

PT05: *Standards: A Session For Absolutely Everyone*

So, maybe you've heard of standards before, but you're unsure what they are, where they came from, who uses them, how to use them, or where to get them. Maybe you're more knowledgeable than that, but need help interpreting some of the information. The point of this session is to illustrate the importance of standards on buyers, sellers, designers, manufacturers, and users of entertainment technology. Everyone — the person who hung the light, the person that pulls the rope, the person that owns the building where the light has been hung— should be aware of the ANSI standards that affect them and their work. This session will help you along.

Panelists: Karl Ruling and Erin Grabe, PLASA; Richard Nix, Entertainment Structures Group

3:30pm-5:00pm

PT06: *RDMNet: An Overview*, 0.75 ETCP Renewal Credits

Come learn the latest developments on RDMNet, the next advancement coming in communication protocols. RDMNet allows RDM communication to be extended over Ethernet, similar to how sACN allows DMX512 to be used over Ethernet. This presentation will cover the basics of RDMNet, including the discovery process, the network model, and some of the new parameters introduced.

Panelists: Scott Blair, Revolution Display/VER; Simon Newton, Open Lighting Project

Saturday, 22 November

9:00am-10:30pm

PT07: *Stage Edges: To Fall or Not to Fall*, 0.75 ETCP Renewal Credits

Falls from stages, many resulting in significant injuries, have become a major issue in the entertainment industry. This session is intended to help identify possible ways to prevent these accidents, and satisfy regulatory requirements, without affecting the artistic vision. The session will also introduce you to Recommended Practice for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms, a draft being considered for publication by PLASA's Technical Standards Program.

Moderator: Jerry Gorrell, Theatre Safety Programs

Panelists: Fred Kosiewski, Walt Disney Company; Karl Ruling, PLASA

11:00am-12:30pm

PT08: *Listed Switchboards And SJ Power Cords: Changes To The NEC*, 1.5 ETCP Renewal Credits

The National Electrical Code (ANSI/NFPA 70) continues to adapt to new technologies such as LED lighting and photovoltaic power. Learn from the experts—all members of NEC Panel 15— about the changes in the new edition. This session will explore the entertainment technicians' items of interest in the Code, how they affect your daily work, and how they came to be included.

Moderator: Mitch Hefter, Philips Lighting

Panelists: Ken Vannice, Ken Vannice LLC; Steve Terry, Electronic Theatre Controls; Eddie Kramer, IATSE Local 1

1:30pm-3:00pm

PT09: *I've Got My Halloween Fog Machine! They're All The Same, Right?*

PLASA's Fog & Smoke Working Group has published several American National Standards dealing with fog and smoke effects, the machines that produce them, and the ways to test for safe levels in your production. This session will help you understand the differences between commercially available fog machines, the fluids that go into them, and will teach you how to check compliance with the exposure limits written into Actors' Equity contracts.

Panelists: Brad Dittmer, Stage Labor of the Ozarks; Karl Ruling, PLASA; Larry Schoeneman, Designlab Chicago

3:30pm-5:30pm

PT10: *The Technician's Tool Kit*, 1.5 ETCP Renewal Credits

This class will explore a wide range of tools - including PLASA's ANSI standards - that are available to the technician, helping them to be more productive and safer on the job. Using the right tool for equipment inspection, troubleshooting control networks, and to check out electrical systems can save time, lives, and headaches. This session will cover common to complex system issues, and the application of the right tool for the right job.

Panelists: Milton Davis, Doug Fleenor Design, Inc.; Roger Lattin, IATSE Local 728; Richard Wolpert, Union Connector Company

Standards on the Stage

The following sessions will take place in PLASA booth #1469. One will take place every half-hour, beginning at 10:30 a.m. on Friday and Saturday, 21-22 November. All attendees will be eligible to enter to win one of three pairs of Cirque du Soleil tickets for LDI weekend! View the schedule at <http://plasa.me/tsp2014>.

BSR E1.43: Guidance for Performer Flying Systems By Bill Gorlin

For over three years, Bill Gorlin has been leading a task group committed to drafting a standard for performer flying systems. Earlier this year, their hard work put the document through its first public review, which means it is one step closer to becoming an American National Standard. In this session, Bill will explain the document's intent, and the time-line for getting such an important document into the hands of the people for which it was written.

I went to LDI 2014: I got a lot of t-shirts, and I didn't miss this 15 minute session! By Erin Grabe

There are entertainment technology standards available for free download at <http://tsp.plasa.org/freestandards>. Knowing that the standards exist is half the battle.

A Guided Tour of ANSI E1.4 – The Manual Counterweight Rigging Systems Suite By Richard Nix

Richard Nix gives a fifteen-minute tour of the 30+ page ANSI E1.4 - 2014, Entertainment Technology - Manual Counterweight Rigging Systems. E1.4 describes the design and construction of manually powered counterweight rigging systems necessary for their safety. Work is being done to expand it to cover manual systems without counterweights and dead-hung battens.

E1.15 Boom & Base Assemblies: No tipping allowed. By Richard Nix

Do you ever feel overloaded, or maybe just a little out-of-balance? Join us at the PLASA booth for a 15-minute crash course in Boom and Base Assemblies. Learn how to get rid of that instability as we relate past experiences and dare to push an average boom and base assembly to its limits.

ANSI E1.2 Design, Manufacture and Use of Aluminum Trusses and Towers: What the Users of Truss Need to Know By Miriam Paschetto

It is important for members of the entertainment community to comply with the various ANSI Standards on Entertainment Technology. But it can be daunting to figure out which specific sections from the many standards apply specifically to the Users of truss. This presentation will identify who is a User and what you as a User should know about the E1.2 standard.

Using Foreign Materials and Components? Beware of Hidden Product Liability Exposures by Mike Kelly

Think you are exempt from product liability? That is not always the case so don't be caught off guard. If you are using foreign materials and components in your jobs, there are elements of product liability that you should be aware of. Join Mike Kelly of ProSight Specialty Insurance for an informative discussion on what to look out for when using foreign materials or components.

Top 5 Things to Know about Minimizing Your Risk and Exposure By Mike Kelly

In the world of entertainment technology, insurance and workplace safety go hand in hand. That's why PLASA and ProSight Specialty Insurance developed Entertaining Safety, an essential insurance and risk management guide, developed specifically for entertainment technology professionals. Join Mike Kelly of ProSight for a quick – yet informative – session on the critical things you should know to protect your business.

Luminaire Inspection Guidance with ANSI 1.32 By Karl Ruling

Avoid shocking experiences and burning sensations! Karl Ruling explains ANSI E1.32, a simple outline for checking conventional stage and studio luminaires to see if they need repair.

Makeup Mirror Lighting By Karl Ruling

Beating the inverse square law and looking good at the same time! Karl Ruling explains the latest TSP project to develop a specification for good makeup mirror lighting, including distribution, angles of incidence, color rendering, color temperature, and levels of illumination.

Rigging Standards: Saving the World One Theatre at a Time By Bill Sapsis

Join us, as Bill Sapsis tells you how it really is in the Rigging Working Group, and why he sometimes has such a big hammer at his meetings!

Anti-counterfeit – Do The Right Thing! By Steve Warren

Lighting designers and specifiers have a strong hand in driving the development of our industry, but inferior quality counterfeits can place their shows and reputations at risk. The rise of copies and counterfeiting has placed our industry under threat—jeopardizing rental companies and manufacturers alike. We need to work together to ensure that the research and development we're all proud of is able to continue well into the future. Join us for this session to learn how to manage and enforce counterfeit issues by listening to and exchanging some shared experiences.

Firmware Uploads Via RDM By Peter Willis

This project, one of the latest to come out of the PLASA Control Protocol Working Group's standards development efforts, will provide a platform upon which manufacturers can offer the ability to transfer new or updated operating code to a device remotely, using the DMX wiring connection. Peter Willis, chair of the Task Group developing this standard will demonstrate how the use of such standards will help reduce your inventory and training costs, and make life simpler for manufacturers and users alike.

HELP! — Why do my lights flicker? By Peter Willis and Doug Fleenor

We have all been there: the rig is up, the cables or wireless networks installed, the rehearsals are underway and we deserve a drink at the bar. But no, the lights are flickering, something is wrong and the pressure is on us to find a solution. This presentation, by renowned industry experts Doug Fleenor and Peter Willis (aka "Dr DMX" and "Professor RDM") looks at the simple things you can check in your DMX installation and equipment selection that just might alleviate the problem and get you the refreshment you deserve.

How Do I Get the Same Color Twice? By Mike Wood

With incandescent lights and gel it was easy. Put the same gel in front of a luminaire from any manufacturer and you got, more or less, the same color on stage. Now we have LEDs instead of incandescent lamps; and with every manufacturer of LED luminaires using their own version of RGB, how is it possible to get the same color out of two different lights? A new standard in development, PLASA BSR E1.54, seeks to provide a standardized color space and color language for control desks to be able to communicate color to luminaires in an unambiguous, and manufacturer agnostic, manner. The goal? Simple. Make the same color twice. Please.

PLASA Standard, E1.6-2 – 2013, Featured in ANSI News

On 22 October, ANSI ran the following, as part of a story on voluntary standards throughout a range of industries:

Theatrical Chain Hoists

Fly systems, also called theatrical rigging systems, fill the ceiling and wings of most theaters and performance venues. Fly systems are composed of chains, cables, pulleys, counterweights, and related devices that enable stage crews to quickly, quietly, and safely hoist components such as curtains, lights, scenery, stage effects, and people.

To ensure the safety of performers and stage hands alike, [PLASA](#) recently released a new ANS for electric chain hoists. [ANSI E1.6-2-2013](#), Entertainment Technology Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry, sets guidelines for serially manufactured electric link chain hoists having capacity of two tons or less used in the entertainment industry. ANSI E1.6-2-2013 is a member of the [ANSI E1.6 suite](#) of powered entertainment rigging standards.

PLASA, an ANSI-accredited standards developer and organizational member, is a non-profit trade association representing the North American entertainment technology industry. PLASA seeks to develop safe and sustainable standards that promote compatibility among equipment, products, and systems of competing manufacturers for the live entertainment equipment industry.

WTO Technical Barrier to Trade Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced a few notices as WTO Technical Barriers to Trade that may be of interest to *Standards News* readers. If you have a problem with one of these WTO TBT notifications, you can protest it through your representative to the WTO. In the US, that is NIST (notifyus@nist.gov). See <http://ec.europa.eu/enterprise/tbt/> for European TBT objections.

United States of America Notification: USA/929

Date issued: 21 October 2014

Agency Responsible: 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: External power supplies

Title: Energy Conservation Program: Test Procedures for External Power Supplies

Description of content: The U.S. Department of Energy is proposing to revise its test procedure for external power supplies. These proposed revisions, if adopted, would harmonize the instrumentation resolution and uncertainty requirements with the second edition of the International Electrotechnical Commission (IEC) 62301 standard when measuring standby power along with other international standards programs. The proposal would also clarify certain testing set-up requirements. Finally, DOE is proposing an optional test to measure the active-mode efficiency at a 10% loading condition and an optional recording of power factor at this loading condition and each of the other required loading conditions.

Objective and rationale: Protection of the environment

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 8 December 2014

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2014-10-09/pdf/2014-24180.pdf>

Ecuador Notification ECU/53/ECU (ECU/53 , Add.1 , Add.2 ,)

Date issued: 9 October 2014

Corrigendum type: Addendum

Correction type: Correction with full text

Corrigendum: The Republic of Ecuador hereby advises that the first revision of Technical Regulation of the Ecuadorian Standardization Institute (RTE INEN) No. 047 (1R) on metallic and non-metallic cable tray, electrical conduit and trunking systems, the draft version of which was notified in document G/TBT/N/ECU/53/Add.2 of 28 February 2014, was issued pursuant to Resolution No. 14 402 of 15 August 2014 of the Under-Secretariat for Quality of the Ministry of Industry and Productivity, published in Official Journal No. 346 of 2 October 2014.

Full text:

[https://tsapps.nist.gov/notifyus/docs/wto_country/ECU/corrigenda/pdf/ECU53_add_3\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ECU/corrigenda/pdf/ECU53_add_3(spanish).pdf)

United States of America Notification: USA/932

Date issued: 29 October 2014

Agency Responsible: 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: Fluorescent lamp ballasts (HS 853931)

Title: Energy Conservation Program: Test Procedures for Fluorescent Lamp Ballasts

Description of content: The U.S. Department of Energy (DOE) proposes to amend its test procedures for fluorescent lamp ballasts. Proposed changes include adopting text at its regulations concerning test procedures for the measurement of energy and water consumption to clarify the requirement to use the test procedures in Appendix Q1 to demonstrate compliance with the new and revised energy conservation standards that apply to fluorescent lamp ballasts manufactured on or after 14 November 2014. These revisions follow the intent of the fluorescent lamp ballast test procedure final rule to support any new or revised energy conservation standards at the time those standards require compliance. This notice of proposed rulemaking (NPR) would also correct the formula for power factor, which contained a mathematical error as adopted in that final rule.

Objective and rationale: Protection of the environment

Relevant documents: 79 Federal Register (FR) 62894, 21 October 2014; Title 10 Code of Federal Regulations (CFR) Part 430. Will appear in the Federal Register when adopted. G/TBT/N/USA/624, G/TBT/N/USA/624/Add.1, G/TBT/N/USA/624/Add.2 - Energy Conservation Program: Energy Conservation Standards for Fluorescent Lamp Ballasts

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 20 November 2014

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2014-10-21/pdf/2014-24985.pdf>

United States of America Notification: USA/930

Date issued: 27 October 2014

Agency Responsible: Consumer Product Safety Commission (CPSC)

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

Products covered: Seasonal and decorative lighting products

Title: Substantial Product Hazard List: Seasonal and Decorative Lighting Products

Description of content: The Consumer Product Safety Commission (CPSC or Commission) is proposing a rule to specify that seasonal and decorative lighting products that do not contain one or more of three readily observable characteristics (minimum wire size, sufficient strain relief, or overcurrent protection) constitute a substantial product hazard under the Consumer Product Safety Act (CPSA).

Objective and rationale: Prevention of deceptive practices and consumer protection

Relevant documents: 79 Federal Register (FR) 62081, 16 October 2014; Title 16 Code of Federal Regulations (CFR) Part 1120. Will appear in the Federal Register when adopted.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 30 December 2014

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2014-10-16/pdf/2014-24378.pdf>

United States of America Notification USA/800/USA (USA/800 , Add.1)

Date issued: 29 October 2014

Corrigendum type: Addendum

Correction type: Correction with full text

Title: Energy Conservation Program: Energy Conservation Standards for High-Intensity Discharge Lamps

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

Action: Notice of proposed determination (NOPD)

Summary: The Energy Policy and Conservation Act of 1975 (EPCA), as amended, requires DOE to prescribe test procedures and energy conservation standards for high-intensity discharge (HID) lamps for which it has determined that standards would be technologically feasible and economically justified, and would result in significant energy savings. In this notice, DOE proposes to determine that energy conservation standards for high-intensity discharge (HID) lamps do not meet these criteria.

Dates: DOE will accept comments, data, and information regarding this NOPD no later than 22 December 2014. Interested parties may further request, no later than 5 November 2014, a public meeting to discuss this NOPD.

Full text: <http://www.gpo.gov/fdsys/pkg/FR-2014-10-21/pdf/2014-24971.pdf>

Ecuador Notification: ECU/287

Date issued: 27 October 2014

Agency Responsible: Ecuadorian Standardization Service (SEN)

National Inquiry Point: Ministry of Industry and Competitiveness (MICIP)

Products covered: Electrical extension cords (HS 8544.4220, 8544.4290 and 8544.4990)

Title: Draft Technical Regulation of the Ecuadorian Standardization Institute (PRTE INEN) No. 257, "Electrical extension cords"

Description of content: The notified draft Technical Regulation covers the following: Purpose; Scope; Definitions; Product requirements; Labelling requirements; Sampling; Conformity assessment tests; Reference documents; Conformity assessment procedure; Monitoring and inspection authority; Penalty regime; Liability of conformity assessment bodies; and Review and updating.

Objective and rationale: The notified Technical Regulation establishes the general requirements to be met by electrical extension cords, with a view to preventing risks to human health and safety and the environment, and practices likely to mislead users. It applies to imported and domestically produced electrical extension cords with an operating voltage of up to 600 V a.c., which are marketed in Ecuador.

Relevant documents: 1. Publication where notice appears: <http://www.industrias.gob.ec/> <http://www.normalizacion.gob.ec/>; 2. Proposal and basic document: Proyecto de Reglamento Técnico Ecuatoriano PRTE INEN 257, "Extensiones eléctricas" (Draft Technical Regulation of the Ecuadorian Standardization Institute (PRTE INEN) No. 257, "Electrical extension cords"); 3. Publication in which Technical Regulation will be published when adopted: Registro Oficial (Official Journal).

Proposed date of adoption: 23 January 2015

Proposed date of entry into force: 23 July 2015

Final date for comments: 21 January 2015

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ECU/full_text/pdf/ECU287\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ECU/full_text/pdf/ECU287(spanish).pdf)

Panama Notification: PAN/50

Date issued: 17 October 2014

Agency responsible: Directorate General for Standards and Industrial Technology, Ministry of Commerce and Industry (DGNTI)

National Inquiry Point: Directorate General for Standards and Industrial Technology, Ministry of Commerce and Industry (DGNTI)

Products covered: Technical standards

Title: Directorate-General for Standards and Industrial Technology-Panamanian Commission for Industrial and Technical Standards (DGNTICOPANIT) Technical Regulation No. 6-39-1998

Description of content: Definitions, classification, general requirements, test methods, inspection, reception and sampling.

Objective and rationale: Human health and safety

Relevant documents: - Codex Alimentarius - AOAC - Official method of analysis of the Association of Official Agricultural Chemists

Proposed date of adoption: 1 July 2001

Proposed date of entry into force: Not given by country

Final date for comments: Not given by country

Full text requested by NCSCI of Panama on 31 October 2014, but it has not yet been received.

South Africa Notification: ZAF/183

Date issued: 4 November 2014

Agency Responsible: Department of Trade and Industry (DTI)

National Inquiry Point: Standards Information Centre, South African Bureau of Standards (SABS)

Products covered: Luminaires (HS 8513.10, 9405, 9405.20, 9405.40)

Title: Compulsory specification for electrical luminaires (VC 9012)

Description of content: This compulsory specification covers general requirements for electrical luminaires, incorporating electric light sources for operation from supply voltages up to 1000 V. Such apparatus is generally available through normal retail distribution channels and is intended to be used by ordinary persons.

Objective and rationale: Protection of human health or safety

Relevant documents: - The National Regulator for Compulsory Specifications as established by the National Regulator for Compulsory Specifications Act, 2008 (Act No. 5 of 2008) - SANS 60598-1, Luminaires - Part 1: General requirements and tests. SANS 60598-2 series, Luminaires Part 2: Particular requirements - SANS 475, Luminaires for interior lighting, street lighting and floodlighting - Performance requirements - Compulsory specification for electrical luminaires (VC 9012) published in Government Gazette 38128, notice no 834, dated 31 October 2014.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 4 January 2015

Full text requested by NCSCI of South Africa on 5 November 2014, but it has not yet been received.

South Africa Notification ZAF/171/ZAF (ZAF/171)

Date issued: 11/4/2014

Corrigendum type: Addendum

Correction type: Correction with full text

Corrigendum: The draft Technical Regulation notified through G/TBT/N/ZAF/171 - Proposed amendment of the Compulsory Specification for Electrical and Electronic Apparatus (VC 8055) -was published by the Minister of Trade and Industry as a Schedule in Government Gazette no 38128, Notice no 835, dated 31 October 2014.

Full text:

[https://tsapps.nist.gov/notifyus/docs/wto_country/ZAF/corrigenda/pdf/ZAF171_add_1\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ZAF/corrigenda/pdf/ZAF171_add_1(english).pdf)

European Union Notification: EU/248

Date issued: 4 November 2014

Agency responsible: EU-TBT Enquiry Point

National Inquiry Point: EU-TBT Enquiry Point

Products covered: Non-directional household lamps; Directional lamps, light emitting diode lamps, and related equipment

Title: Draft Commission Regulation amending Regulation (EC) No 244/2009 with regard to ecodesign requirements for non-directional household lamps and Regulation (EU) No 1194/2012 with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment

Description of content: This draft Commission Regulation amends Commission Regulations 244/2009 and 1194/2012 by clarifying and aligning the definition of special purpose products, the timeline for some ecodesign requirements, and the compatibility requirements for external control gear. The draft Regulation is based on the findings of technical, environmental and socio-economic review studies, which have been carried out with involvement of stakeholders from around the world.

Objective and rationale: The aim is to clarify Commission Regulations 244/2009 and 1194/2012 to increase compliance with previously existing product requirements, adapt the entry into force of future requirements, and enhance compatibility between lamps and external control gear. It will contribute to the fight against climate change and the increase of energy efficiency in the European Union.

Proposed date of adoption: 1 May 2015

Proposed date of entry into force: Not given by country

Final date for comments: 4 January 2015

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU248\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU248(english).pdf)

ANSI Public Review Announcements

The following documents have been announced for public review by ANSI. Please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 8 December 2014

BSR C81.63-2007 (R201x), Gauges for Electric Lamp Bases and Lampholders (reaffirmation of ANSI/ANSLG C81.63-2007)

This standard sets forth the specifications for gauges for bases (caps) and lampholders for electric lamps.

Single copy price: \$500.00

Order from and send comments to: Karen Willis at Karen.Willis@nema.org

BSR C81.64-2005 (R201x), Guidelines and General Information for Electric Lamp Bases, Lampholders and Gauges (reaffirmation of ANSI C81.64-2005)

This standard gives guidance and information to designers and testing personnel on the use of ANSI/IEC C81.61, ANSI/IEC C81.62, and ANSI/IEC C81.63 and their supplements. It includes the designation system and general information regarding bases (caps), lampholders, and gauges. Many parts of this standard reference the adopted parts of IEC 60061-4, Lamp Caps and Holders Together with Gauges for Control of Interchangeability and Safety - Part 4: Guidelines and General Information. This standard is intended for use by standards engineers. In those cases where new proposals have to be prepared, so as to achieve uniformity in base/lampholder/gauge standards and testing procedures. It contains information from ANSI and the IEC in regard to bases (caps) and holders in general use today, together with their relevant gauges. The gauges illustrated, although generally accepted in principle, are not necessarily the only form in which they can be made. This standard is applicable to bases, lampholders, and gauges with the object of securing international interchangeability and safety.

Single copy price: \$107.00

Order from and send comments to: Karen Willis at Karen.Willis@nema.org

BSR/ANSLG C81.61-2009 (R201x), Electric Lamp Bases - Specifications for Bases (Caps) for Electric Lamps (reaffirmation of ANSI/ANSLG C81.61-2009)

This standard sets forth the specifications for bases (caps) used on electric lamps.

Single copy price: \$468.00

Order from and send comments to: Karen Willis at Karen.Willis@nema.org

BSR/ANSLG C81.62-2009 (R201x), Electric Lampholders (reaffirmation of ANSI/ANSLG C81.62-2009)

This standard sets forth the specifications for lampholders for electric lamps.

Single copy price: \$344.00

Order from and send comments to: Karen Willis at Karen.Willis@nema.org

BSR/SCTE 10-201x, Test Method for Flexible Coaxial Cable Impact (revision of ANSI/SCTE 10-2008)

This test is to establish that specified outdoor flexible RF coaxial drop cable jackets are capable of low temperature characteristics.

Single copy price: \$50.00

Obtain an electronic copy from and send comments to: standards@scte.org

BSR/SCTE 96-201x, Cable Telecommunications Testing Guidelines (revision of ANSI/SCTE 96-2008)

The test procedures that reference this document are intended to allow a competent technician or engineer to perform the tasks of determining, to a reasonable degree of certainty, the level of performance for the various parameters detailed. The procedures are general in nature and with sufficient forethought and preparation, can be adapted to individual devices, cascades or complete systems. The primary focus for these procedures is for bench or laboratory testing, but the principles discussed are equally applicable to field testing.

Single copy price: \$50.00

Obtain an electronic copy from and send comments to: standards@scte.org

BSR/SCTE 99-201x, Test Method for Axial Pull Connector/Drop Cable (revision of ANSI/SCTE 99-2010)

The purpose of this document is to provide a test method for measuring the axial force required to cause one or more of the following conditions: cable structural failure, connector structural failure, separation due to slip at the connector/cable interface.

Single copy price: \$50.00

Obtain an electronic copy from and send comments to: standards@scte.org

BSR/SJI CJ-2015, Standard Specification for Composite Joists, CJ-Series (revision of ANSI/SJI CJ-2010)

The CJ-Series, composite steel joists, is being reviewed, corrected as necessary, and updated.

Single copy price: \$25.00

Order from: Sharon Jack at sjack@steeljoist.org

Send comments to: Kenneth Charles at kcharles@steeljoist.org

BSR/UL 1479-201x, Standard for Fire Tests of Through-Penetration Firestops (revision of ANSI/UL 1479-2012)

The following topic for the Fire Tests of Through-Penetration Firestops, UL1479, is being recirculated: (1) Including test provisions for membrane penetration-type firestop systems.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Ritu Madan at ritu.madan@ul.com

Due 15 December 2014

BSR X9.100-181-201x, TIFF Image Format for Image Exchange (revision of ANSI X9.100-181-2010)

The scope of this standard is to define specific TIFF fields that can be used and the allowable values for those fields that will support interoperability for check image exchange processing between financial institutions. This standard will only address the use of G4 bi-level image (black/white) compressions within the TIFF 6.0 structure.

Single copy price: \$60.00

Order from and send comments to: Janet Busch at janet.busch@x9.org

BSR/ISEA Z308.1-201x, Minimum Requirements for Workplace First Aid Kits and Supplies (revision of ANSI/ISEA Z308.1-2009)

This standard establishes minimum performance requirements for first-aid kits and their supplies intended for use in various work environments. Classification of kits are based on the assortment and quantity of first-aid supplied. First-aid kit containers are classified by Type, based on portability; ability to be mounted; and resistance to water, corrosion, and impact.

Single copy price: \$30.00

Order from and send comments to: Cristine Fargo at cfargo@safetysafetyequipment.org

BSR/NISO Z39.14-1997 (R201x), Guidelines for Abstracts (reaffirmation of ANSI/NISO Z39.14-1997 (R2009))

Guidance is presented for authors and editors preparing abstracts that represent the content of texts reporting on the results of experimental work or descriptive or discursive studies. Suggestions for the placement of abstracts within publications or other media are given, along with recommendations for abstracting specific documents. Types of abstracts and their content are described. Also included are

suggestions on the style of abstracts and a list of selected readings on the subject of abstracting. Examples of abstracts are appended.

Single copy price: \$45.00

Order from and send comments to: Cynthia Hodgson at hodgsonca@verizon.net

BSR/NISO Z39.48-201x, Permanence of Paper for Publications and Documents in Libraries and Archives (revision of ANSI/NISO Z39.48-1992 (R2009))

Publishers and paper manufacturers, take note! This standard sets the basic criteria for coated and uncoated papers that will last several hundred years under normal use. It covers pH value, tear resistance, alkaline-reserve, and lignin threshold. Recycled papers will meet the criteria specified. This revision to the original 1984 standard is based on testing conducted by the Institute of Paper Science and Technology and contributions from paper makers, publishers, printers, and the preservation community.

Single copy price: \$40.00

Order from and send comments to: Cynthia Hodgson at hodgsonca@verizon.net

BSR/NISO Z39.23-1997 (S201x), Standard Technical Report Number Format and Creation (stabilized maintenance of ANSI/NISO Z39.23-1997 (R2009))

Defines a unique numbering system that improves access to the wealth of scientific and technical reports issued by the government and private organizations. The STRN is an alphanumeric code with a maximum length of 34; for international application, an optional country code can be added. The standard explains how and where the code should be assigned and used. A central authority to coordinate and monitor assignments of the code is designated.

Single copy price: \$40.00

Order from and send comments to: Cynthia Hodgson at hodgsonca@verizon.net

BSR/NISO Z39.41-1997 (S201x), Placement Guidelines for Information on Spines (stabilized maintenance of ANSI/NISO Z39.41-1997 (R2009))

Describes and allocates areas on the spines of printed bindings, covers, containers, or other protective enclosures. It describes, at a high level, both the kinds of information to be printed on spines and the order and placement of the information.

Single copy price: \$40.00

Order from and send comments to: Cynthia Hodgson at hodgsonca@verizon.net

BSR OEOSC OP1.0110-10-201x, Standard for Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems -Part:10 Table representing data of optical elements and cemented assemblies (national adoption with modifications of ISO 10110-10)

OP1.0110-10 is a national standard that establishes uniform practices for drawing notations in tabular form for optical elements and assemblies. It is based entirely on ISO 10110-10, but modified to accommodate standard practice in the United States.

Single copy price: \$75.00 PDF; \$100.00 print

Order from and send comments to: Dave Aikens at daikens@optstd.org

BSR/UL 61010-1-201X, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Ballot dated 10-31-14) (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2012)

This bulletin proposes editorial corrections to match IEC standard for Clause 3.6.12, and revisions to 6.7.2.2.1, 6.7.2.2.4, 6.7.3.4.1, 6.7.3.4.4, 6.8.3.1, 9.6.1, K.1.3.1, K.1.3.4, K.2.4.1, K.2.4.4, and K.3.2.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Vickie Hinton at Vickie.T.Hinton@ul.com

BSR/UL 1449-201x, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2014)

(1) Correction to requirements in 7.1.4.4; (2) Clarification of voltageswitching SPDs; (3) Addition of requirements for SPDs intended for pole mounting; (4) SPDs employing pyrotechnic ignition devices; (5) Definition and clarification of the use of cheesecloth and tissue paper; (6) Addition of Low Temperature Impact Test for Outdoor Use SPDs; (7) Clarifications to Sections 40 and 44; (8) Clarification of Table 36.1 and Table 36.2; (9) Clarification of requirements for SPDs intended for rack mounting; (10) Addition of requirements for outdoor-use Type-3 SPDs; (11) Revision of 44.1.11(f) and 44.2.5(c); (12) Revision of 44.4.1 regarding SPD

temperature equilibrium; and (13) Addition of exception to 44.1.7 to address cheesecloth placement for enclosures with conduit openings.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Mitchell Gold at Mitchell.Gold@ul.com

New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards News* readers—or at least be interesting to them. Contact the developer if you (a) want to be involved in the project, or (b) object to the project and wish it to be abandoned, or (c) if you would like to point out that its scope is covered by an existing standard, thereby possibly making the project redundant or conflicting.

BSR/CEA 709.5-201x, Control Networking Protocol Specification -Part 5: Implementation - Application-Layer Guidelines (new standard)

This specification contains all the information necessary to facilitate the exchange of data and control information in an interoperable fashion using ANSI/CEA-709.1 and its associated data-transport media specifications. This specification establishes a minimal set of rules for compliance. It allows for extended services to be provided, given that the rules are adhered to within the system. This standard permits extended services to coexist and defines the bounds in which those services function, including the format for internal device documentation of those services. Services outside the scope of this specification, so long as they are adherent to the system, are permitted but will not necessarily be interoperable with any other devices and shall not be essential for the functioning of the device. For more information, contact Veronica Lancaster at vlancaster@ce.org.

BSR/CEA 709.6-201x, Control Networking Protocol Specification -Part 6: Application Elements (new standard)

This Standard will provide mechanisms through which various vendors of control networking systems may exchange information in a standardized way to ensure interoperability between various control networking protocol implementations. This standard will provide specifications for the Application Elements of Control Network Protocol packets as follows: Definitions of standardized packet (network variable) data types; Definitions of device-interface files; Definitions of standardized configuration-property types; Definitions of standardized enumeration types; Definitions of standardized functional profiles; Definition of the standardized method of file transfer between devices. It also defines the device interface for a device as specified, which is necessary to exchange data between various devices from different manufacturers. For more information, contact Veronica Lancaster at vlancaster@ce.org.

BSR C18.4-201x, Standard for Portable Cells and Batteries -Environmental (new standard)

- Raise awareness that provisions in battery standards can affect the environment in negative and positive ways;
- Outline the relationship between battery standards and the environment;
- Help avoid provisions in battery standards that may lead to adverse environmental effects;
- Emphasize that addressing environmental aspects in battery standards is a complex process which requires a balance in competing priorities;
- Recommend the use of recognized scientific methodologies when developing battery standards that incorporate environmental aspects.

For more information, contact Andrei Moldoveanu at and_moldoveanu@nema.org

BSR NEMA WC 67-201x, Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (revision of ANSI NEMA WC 67-2011)

Covers the following uninsulated conductors:

- Single-end (solid) and stranded;
- Coated and uncoated copper;
- Coated copper alloy;
- Coated copper-clad steel;
- Aluminum conductors; and
- Thermocouple extension conductors.

These conductors are used primarily in insulated wires for aerospace, electrical, electronic and other high performance applications. Both metric and English (inch/pound) conductors are included in this standard. Where alternative units are shown in parenthesis, English (inch/pound) units shall be normative. For more information, contact Ryan Franks at ryan.franks@nema.org.

Final Actions on American National Standards

The documents listed below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator, as applicable.

ANSI/ASME B18.5.2.2M-1982, Metric Round Head Square Neck Bolts (withdrawal of ANSI/ASME B18.5.2.2M-1982 (R2010)): 10 October 2014

ANSI/ASME B18.8.100M-2000, Spring Pins - Coiled Type, Spring Pins - Slotted, Machine Dowel Pins - Hardened Ground, and Grooved Pins (Metric Series) (withdrawal of ANSI/ASME B18.8.100M-2000 (R2010)): 10 October 2014

ANSI/ASME B18.8.200M-2000 (R2010), Cotter Pins, Headless Clevis Pins, and Headed Clevis Pins (Metric Series) (withdrawal of ANSI/ASME B18.8.200M-2000 (R2010)): 16 October 2014

ANSI/ASME B18.30.1M-2000, Open End Blind Rivets with Break Mandrels (Metric Series) (withdrawal of ANSI/ASME B18.30.1M-2000 (R2010)): 10 October 2014

ANSI/ASTM E1687-2010 (R2014), Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids (reaffirmation of ANSI/ASTM E1687-2010): 15 October 2014

ANSI/ATIS 1000013.v2-2014, Lawfully Authorized Electronic Surveillance (LAES) For Internet Access and Services, Version 2 (revision, redesignation and consolidation of ANSI/ATIS 1000013-2007 and ANSI/ATIS 1000013.a-2009): 8 October 2014

ANSI/AWS B5.1-2013-AMD1-2013, Specification for the Qualification of Welding Inspectors (addenda to ANSI/AWS B5.1-2012): 7 October 2014

ANSI/EIA 60440-2014, Method of Measurement of Non-Linearity in Resistors (identical national adoption of IEC 60440 {ed.1}): 10 October 2014

ANSI/ESD S6.1-2014, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Grounding (revision of ANSI/ESD S6.1-2005 (R2009)): 10 October 2014

ANSI/FM 4478-2014, Rigid Photovoltaic Modules (new standard): 16 October 2014

ANSI C63.9-2008 (R2014), Standard for RF Immunity of Audio Office Equipment to General Use Transmitting Devices with Transmitter Power Levels up to 8 Watts (reaffirmation of ANSI C63.9-2008): 16 October 2014

ANSI/ISA 95.00.06-2014, Enterprise-Control System Integration -Part 6: Messaging Service Model (new standard): 10 October 2014

ANSI C136.35-2009 (R2014), Roadway and Area Lighting Equipment -Luminaire Electrical Ancillary Devices (LEAD) (reaffirmation of ANSI C136.35-2009): 16 October 2014

ANSI E1.37-2-2014, Entertainment Technology - Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (new standard): 10 October 2014

ANSI/UL 62275-2010 (R2014), Standard for Safety for Cable Management Systems - Cables Ties for Electrical Installations (reaffirmation of ANSI/UL 62275-2010a): 8 October 2014

ANSI/UL 310-2014, Standard for Safety for Electrical Quick-Connect Terminals (revision of ANSI/UL 310-2009): 15 October 2014

ANSI/UL 310-2014a, Standard for Safety for Electrical Quick-Connect Terminals (revision of ANSI/UL 310-2009): 15 October 2014

ANSI/ATIS 0600015.08-2014, Small Networking Devices Efficiency Standard (new standard): 27 October 2014

ANSI/UL 60950-1-2014, Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements (national adoption of IEC 60950-1 with modifications and revision of ANSI/UL 60950-1-2011a): 14 October 2014

ANSI/UL 48-2014, Electric Signs (revision of ANSI/UL 48-2012): 21 October 2014

ANSI/UL 498-2014a, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated 05-23-14) (revision of ANSI/UL 498-2014): 22 October 2014

Draft IEC and ISO Standards

This section lists proposed standards that the International Electromechanical Commission (IEC) and International Organization for Standardization (ISO) are considering for approval. *Standards News* readers interested in reviewing and commenting on the document should order a copy from their national representative and submit their comments through them. (The IEC and ISO don't want to hear from you directly.) Comments from US citizens on IEC documents should be sent to Charles T. Zegers at czegers@ansi.org. Comments from US citizens regarding ISO documents should be sent to Karen Hughes at isot@ansi.org. The deadline for comments is noted. No ISO documents are of note at this time.

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 -28 November , \$245.00

20/1501/Q, Revision of 60811: Electric and optical fibre cables- Test methods for non-metallic materials - Extension of first group, 7 November 2014

20/1504/CD, IEC 61238-1-1: Compression and mechanical connectors for power cables - Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV (Um = 1,2 kV) tested on stripped conductors, 9 January 2015

20/1505/CD, IEC 61238-1-2: Compression and mechanical connectors for power cables - Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV (Um = 1,2 kV) tested on insulated conductors, 9 January 2015

20/1506/CD, IEC 61238-1-3: Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) tested on stripped conductors, 9 January 2015

20/1507/CD, IEC 62895: High Voltage Direct Current (HVDC) power transmission cables with extruded insulation and their accessories for rated voltages up to 320 kV for land applications - Test methods and requirements, 9 January 2015

20/1508/CD, IEC 62893-1: Charging cables for electric vehicles – Part 1: General requirements, 9 January 2015

20/1509/CD, IEC 62893-2: Charging cables for electric vehicles – Part 2: Test methods, 9 January 2015

20/1510/CD, IEC 62893-3: Charging cables for electric vehicles – Part 3: Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1, 9 January 2015

20/1518/CD, Amendment 1 to IEC 60811-201: Electric and optical fibre cables - Test methods for non-metallic materials - Part 201: General tests - Measurement of insulation thickness, 9 January 2015

20/1519/CD, Amendment 1 to IEC 60811-202: Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath, 9 January 2015

20/1520/CD, Amendment 1 to IEC 60811-410: Electric and optical fibre cables - Test methods for non-metallic materials - Part 410: Miscellaneous tests - Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors, 9 January 2015

20/1521/CD, Amendment 1 to IEC 60811-401: Electric and optical fibre cables - Test methods for non-metallic materials - Part 401: Miscellaneous tests - Thermal ageing methods - Ageing in an air oven, 9 January 2015

20/1522/CD, Amendment 1 to IEC 60811-508: Electric and optical fibre cables - Test methods for non-metallic materials - Part 508: Mechanical tests - Pressure test at high temperature for insulation and sheaths, 9 January 2015

20/1523/CD, Amendment 1 to IEC 60811-509: Electric and optical fibre cables - Test methods for non-metallic materials - Part 509: Mechanical tests - Test for resistance of insulations and sheaths to cracking (heat shock test), 9 January 2015

20/1524/CD, Amendment 1 to IEC 60811-511: Electric and optical fibre cables - Test methods for non-metallic materials - Part 511: Mechanical tests - Measurement of the melt flow index of polyethylene and polypropylene compounds, 9 January 2015

22H/185/CD, IEC 62040-5-3 Ed.1: Uninterruptible power systems (UPS) - Part 5-3: d.c. output UPS - Performance and test requirements, 28 November 2014

23H/312/NP, PNW 23H-312: IEC 62196: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3-1: Dimensional compatibility and interchangeability requirements for a.c./d.c. pin and contact-tube vehicle couplers - Combined a.c./d.c. accessories for use with IEC62196-2 Type 1 and Type 2 a.c. rated accessories and other combined a.c./d.c. accessories, for d.c. charging, 9 January 2015

29/855/FDIS, IEC 60118-4: Electroacoustics - Hearing aids - Part 4: Induction-loop systems for hearing aid purposes – System performance requirements, 28 November 2014

29/857/CD, IEC 60645-1: Electroacoustics - Audiometric equipment -Part 1: Equipment for pure-tone and speech audiometry (Revision of IEC 60645-1:2012 and IEC 60645 2:1992), 9 January 2015

34A/1809/FDIS, IEC 61167 Ed.3: Metal halide lamps – Performance specification, 5 December 2014

34A/1790/CDV, Amendment 1 to IEC 62532 Ed.1: Fluorescent induction lamps - Safety specifications, 16 January 2015

34A/1792/CDV, Amendment 1 to IEC 62717 Ed.1: LED modules for general lighting - Performance requirements, 16 January 2015

77B/722/CD, IEC 61000-4-9: Electromagnetic Compatibility (EMC) -Part 4-9:Testing and measurement techniques - Impulse magnetic field immunity test, 16 January 2015

81/464/CDV, IEC 62858 Ed.1: Lightning density based on lightning location systems - General principles, 16 January 2015

81/466/CDV, IEC 62793 Ed.1: Protection against lightning -Thunderstorm warning systems, 16 January 2015

34C/1115/NP, PNW 34C-1115: IEC 62386-302: Digital addressable lighting interface - Part 302: Particular requirements - Input devices -Absolute input devices, 23 January 2015

34C/1116/NP, PNW 34C-1116: IEC 62386-303: Digital addressable lighting interface - Part 303: Particular requirements - Input devices -Occupancy senso, 23 January 2015

34C/1117/NP, PNW 34C-1117: IEC 62386-304: Digital addressable lighting interface - Part 304: Particular requirements - Input devices -Light sensor, 23 January 2015

77B/724/CD, IEC 61000-4-10: Electromagnetic Compatibility (EMC)-Part 4-10: Testing and measurement techniques – Damped oscillatory magnetic field immunity test, 23 January 2015

106/319/CDV, IEC 62209-1: Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 1: Procedure to determine the specific absorption rate (sar) for devices used next to the ear (frequency range of 300 mhz to 6 ghz), 23 January 2015

34A/1811/FDIS, IEC 60968 Ed.3: Self-ballasted fluorescent lamps for general lighting services - Safety requirements, 9 January 2015

34C/1118/FDIS, IEC 61347-1 Ed.3: Lamp controlgear - Part 1: General and safety requirements, 9 January 2015

64/1976/CDV, IEC 61140: Protection against electric shock – Common aspects for installation and equipment, 30 January 2015

94/377/FDIS, IEC 62246-1 Ed.3: Reed switches - Part 1: Generic specification, 9 January 2015

Recently Published IEC & ISO Documents

Listed here are documents recently approved by the IEC and ISO. The prices shown are for purchases from ANSI's eStandards Store, <http://webstore.ansi.org/>. Prices elsewhere may be different.

ISO 16900-1:2014, Respiratory protective devices - Methods of test and test equipment - Part 1: Determination of inward leakage, \$173.00

IEC 61747-4-1 Ed. 2.0 en:2014, Liquid crystal display devices -Part 4-1: Matrix colour LCD modules - Essential ratings and characteristics, \$43.00

IEC 60684-3-285 Ed. 1.0 en:2014, Flexible insulating sleeving -Part 3: Specifications for individual types of sleeving - Sheet 285: Heatshrinkable polyolefin sleeving, for medium voltage joint insulation, \$48.00

IEC/TR 62907 Ed. 1.0 en:2014, Use cases related to ambient assisted living (AAL) in the field of audio, video and multimedia systems and equipment, \$303.00

IEC/TR 61000-1-6 Ed. 1.0 en cor.1:2014, Corrigendum 1 -Electromagnetic compatibility (EMC) - Part 1-6: General – Guide to the assessment of measurement uncertainty, \$0.00

IEC/TR 60068-3-12 Ed. 2.0 b:2014, Environmental testing - Part 3-12: Supporting documentation and guidance - Method to evaluate a possible lead-free solder reflow temperature profile, \$97.00

TSP Meeting Schedule

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

The following meetings will be held at the Westgate Las Vegas Resort and Casino in Las Vegas, NV. (formerly the Las Vegas Hotel, LVH)

Meeting Group	Time	Day
Control Protocols Working Group	09:00 - 13:00	Thursday 20 November 2014

Meeting Group	Time	Day
Control Protocols BSR E1.33 TG	10:00 - 18:00	Monday 24 November 2014
Electrical Power Working Group	19:00 - 23:00	Friday 21 November 2014
Floors Working Group	14:00 - 17:00	Thursday 20 November 2014
Fog & Smoke Working Group	09:00-13:00	Wednesday 19 November 2014
Photometrics Working Group	08:00 - 10:00	Friday 21 November 2014
Rigging BSR E1.4-2 TG	13:00 - 17:00	Thursday 20 November 2014
Rigging BSR E1.22 TG	08:00 - noon	Wednesday 19 November 2014
Rigging BSR E1.47 TG	08:00-12:00	Thursday 20 November 2014
Rigging BSR 1.56 TG	13:00 - 17:00	Thursday 20 November 2014
	08:00 - 12:00	Friday 21 November 2014
Rigging Working Group	19:00 - 23:00	Wednesday 19 November 2014
Technical Standards Council	14:00 - 18:00	Wednesday 19 November 2014

The January 2015 meetings, which would normally be held face-to-face at the Marriott Solana in Westlake, Texas, have been canceled. Those working groups and task groups needing to meet in early 2015 will do so by teleconference. TSP meeting information can be found at <http://tsp.plasa.org/tsp/meetings/index.php>.

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Indianapolis Stage Sales & Rentals, Inc.
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