

PLASA Standards News

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Two PLASA Standards Posted for Public Review

Two PLASA standards being revised are posted for public review on the PLASA TSP website at http://tsp.plasa.org/tsp/documents/public_review_docs.php through March 3. On March 4 they will be gone. The two documents are:

BSR E1.17-201x, Architecture for Control Networks, EPI 19, ACN Discovery on IP Networks

This is a revision of ANSI E1.17-2008, Entertainment Technology -Architecture for Control Networks (ACN), which is a suite of documents that specifies an architecture, including protocols and language, that may be configured and combined with other standard protocols to form flexible, networked audio, lighting, or other control systems. It can be implemented on networks that support UDP, IP, and related protocols. The revision pertains only to EPI 19, ACN Discovery on IP Networks, which was modified to improve efficiency.

BSR E1.19 - 201x, Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry

The BSR E1.19 document is intended to offer guidance, in accordance with existing applicable standards, on how to select, install, use and maintain ground fault protection devices in the entertainment industry to protect persons from shock and persons and property from fire.

The Next European RDM and sACN Developers Conference and Plugfest

The RDM and sACN Developers Conference and Plugfest 2014 will take place Thursday through Saturday, 24 through 26 April, at Gatwick Manor, London Road at Lowfield Heath, just south of Gatwick Airport in the UK.

The Developers Conference provides a forum for manufacturers, designers, consultants and prospective users; and aims to ensure that the adoption of these new standards achieves desired levels of

interoperability and reliability. Conference sessions will cover the understanding, implementation and use of the published E1.20 and E1.37 RDM standards as well as the E1.31 sACN standard. Other projects in the current PLASA Technical Standards Program such as "E1.33 : RDMnet" also will be featured.

Participation is limited to registered delegates. A single registration fee of UK £95 per person (UK £75 for delegates from PLASA member companies, UK £50 students) payable in advance covers participation and a buffet lunch. Delegates may attend one or more days as they think appropriate; delegates are required to indicate their proposed level of participation in advance. The registration fee is fixed, regardless of the number of days attending. Further information and sign-up are available at <http://www.plasa.org/rdm/>. Direct inquiries Ron Bonner, PLASA's Technical Resources Manager, at tr@plasa.org.

Call for UL STP 1640 Members

Underwriters Laboratories has issued a call for members for STP 1640, Standards Technical Panel for Portable Power-Distribution Equipment and Devices. UL seeks to have STPs in which no interest category makes up more than one-third of the overall voting membership. Currently, Producers make up 36 percent of STP 1640. Therefore, UL is seeking representatives from the following under-represented interest categories to serve on STP 1640:

Commercial/Industrial User: Organizations that use the product, systems, or service covered by UL 1640 in a commercial or industrial setting.

Consumer: Consumer organizations, professional consumers, individuals who use the product or service as part of their livelihood and who are not eligible for STP membership under another interest category.

Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by the STP, but solely use contract manufacturers to make the products are considered part of the Supply Chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the Supply Chain category.

Testing and Standards Organization: Organizations that test and/or certify products, services, or systems covered by UL 1640, or that develop standards or codes related to the products, services, or systems covered by UL 1640.

If you are interested, contact standards.na@plasa.org, and we'll forward your details to Derrick L. C. Martin, the STP Project Manager at the UL San Jose, CA office.

Help for EU SMEs in Latin America's MERCOSUR

The European Commission has launched another IPR SME Helpdesk for Latin America. The Helpdesk provides free information and a variety of services, including legal assistance to help protect intellectual property rights, to European Small and Medium-sized Enterprises doing business in MERCOSUR, the "Southern Common Market" composed of Argentina, Brazil, Paraguay, Uruguay, and Venezuela. More information is available at http://ec.europa.eu/enterprise/newsroom/cf/itemdetail.cfm?item_id=7268&lang=en&tpa_id=0&displayType=news&nl_id=1035.

Have Your Say with the USA's FCC

The FCC in the USA has announced a couple of public comment solicitations that might interest *Standards News* readers in the USA.

First, the FCC seeks public comment on an FCC process reform report. The "Report on FCC Process Reform" proposes more than 150 process reform recommendations, covering a wide range of topics. It is claimed that the recommendations, if implemented, would enable the Commission to work faster, smarter,

more efficiently, more transparently, and more inclusively. Changes would include eliminating or streamlining rules that marketplace or technology changes have rendered no longer necessary in the public interest.

Interested parties may file comments on the Report and the proposed recommendations on or before 31 March 2014. All comments should reference GN Docket No. 14-25. More information is available at http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-14-199A1.pdf and http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-14-199A2.pdf.

Second, last month the FCC adopted an order inviting telephone service providers to conduct experiments to assess how shifting from analog phone service to voice-over-IP might affect phone network users. As a result, Iowa Network Services, Inc. has proposed a service-based technology transitions experiment, and the FCC is inviting comments on it. The INS proposal is available at <http://apps.fcc.gov/ecfs/document/view?id=7521074109>. (A "service-based" experiment is one in which new technologies are substituted for the TDM-based services over copper lines currently provided to customers, with the goal of discontinuing those legacy services.) Comments are due Friday, 21 March 2014. Reply comments are due ten days later, 31 March 2014. More information is available at http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-14-238A1.pdf.

But wait; there's more! On 20 February, AT&T Services Inc. submitted a letter to the FCC saying they will submit a service-based experiment proposal on 27 February 2014. The FCC will issue a public notice seeking comment on AT&T's proposal shortly thereafter. That notice will set deadlines for filing comments.

WTO Technical Barrier to Trade Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced a couple of notices as WTO Technical Barriers to Trade that may be of interest to *Standards News* readers. If you have a problem with these WTO TBT notification, 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 information about handling WTO TBT objections in Europe.

Israel notification ISR/740

Date issued: 24 February 2014

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: Mobile elevating work platforms - Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles: (HS 84251), - Jacks; hoists of a kind used for raising vehicles: (HS 84254); Other lifting equipment

Title: Mobile elevating work platforms Design calculations Stability criteria - Construction Safety - Examinations and tests

Description of content: Revision of the Mandatory Standard SI 5697 dealing with mobile elevating work platforms (MEWP). This draft standard revision adopts the European Standard EN 280: 2001 and its amendment A2: August 2009. The major differences between the old version and this new revised draft standard are as follows:

- Updates the list of normative references;
- Adds new requirements for re-enforcing the anchoring of the MEWP' protective guards;
- Adds documentation requirements and the following requirements for the instruction handbook: Adds requirements for handling a MEWP malfunction in order to ensure its safe recovery; Adds safety requirements both for the operator and for those responsible for the MEWP maintenance; Adds new requirements for the manufacturer's spare part specifications for parts that can affect MEWP safety; Adds documentation requirements for safety tests performed by the manufacturer or by an authorized representative; Adds requirement with respect to the MEWP's noise levels;
- Adds marking requirements.

Objective and rationale: Protection of Human health or Safety

Relevant documents: - Israel Mandatory Standard SI 5697 (September 2009); - European Standard EN 280: 2001 + A2: August 2009

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 24 April 2014

Full text: <http://plasa.me/cj77m>

Colombia notification COL/201

Date issued: 7 February 2014

Agency responsible: Ministry of Commerce, Industry and Tourism

National inquiry point: Ministry of Commerce, Industry and Tourism

Products covered: National quality subsystem

Title: Draft Ministry of Commerce, Industry and Tourism Decree "Restructuring the National Quality Subsystem and amending Decree No. 2269 of 1993"

Description of content: The notified draft Decree covers the following: Description, structure and objectives of the National Quality Subsystem (SNCA); Definitions; Standardization; Technical regulation; Preparation and issuing of technical regulations; Accreditation; Conformity assessment bodies; Conformity assessment procedures; Conformity assessment procedure for products; Conformity assessment procedure for installations and processes; Scientific and industrial metrology; Legal metrology; Pre-packaged products; Supervision and control; Period of validity; and Derogations.

Objective and rationale: National Quality Subsystem objectives, namely protection of human and animal life and health; plant protection; environmental protection; protection of national security; and prevention of practices likely to mislead consumers, inter alia.

Relevant documents: Ley 1480 del 12 de octubre de 2011 (Law No. 1480 of 12 October 2011); Decreto 2269 del 16 de noviembre de 1993 (Decree No. 2269 of 16 November 1993); Decreto 4175 del 3 de noviembre de 2011 (Decree No. 4175 of 3 November 2011); International Organization for Standardization and International Electrotechnical Commission (ISO/IEC) Standards Nos. 17020, 17025, 17043 and 17050; and ISO/IEC Guide No. 67.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 5 May 2014

Full text: <http://plasa.me/711p8>

ANSI Public Review Announcements

Happy Year of the Horse! The spirit of the horse is said to be energetic, bright, warm-hearted, intelligent, and able. Whether that is true or not, activity is picking up in the world standards community. 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 BSR at psa@ansi.org.

Due 31 March 2014

BSR/NECA/IESNA 501-201x, Standard for Installing Exterior Lighting Systems (revision of ANSI/NECA/IESNA 501-2000 (R2006))

This standard describes installation procedures for lighting systems commonly used in outdoor applications on and near commercial, institutional, industrial and storage buildings, including but not limited to the following: (a) Pole-mounted spotlights, area lights, sports lights, and floodlights; (b) Illuminated bollards; (c) Wall-mounted sconces, wall bracket lights, and wall pack lights; (d) Above-ground mounted floodlights and spotlights; (e) In-ground floodlights and spotlights; (g) Step lights and other lights recessed into exterior walls and other concrete surfaces; (h) Canopy and soffit-mounted surface lights; and (i) Landscape lighting.

Single copy price: \$40.00

Order from and send comments to: Diana Brioso, diana.brioso@necanet.org

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

This standard 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 trip lights and overhead industrial fluorescent lighting systems; (c) LED overhead high-bay lighting systems; (d) Induction-lamp overhead high-bay lighting systems; (e) Common specialpurpose and special-environment industrial luminaires; and (f) Lighting installed on industrial wireway and track lighting systems.

Single copy price: \$40.00

Order from and send comments to: Diana Brioso, diana.brioso@necanet.org

Due 7 April 2014

BSR/IAPMO USPSHTC 1-201x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2012)

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, or maintenance of swimming pool, spa or hot tub systems.

Single copy price: \$15.00

Order from and send comments to: Lynne Simnick, lynne.simnick@iapmo.org

BSR/IAPMO USEHC 1-201x, Uniform Solar Energy and Hydronics Code (revision, redesignation and consolidation of ANSI/IAPMO USEC 1-2012)

Applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy, geothermal and hydronic systems.

Single copy price: \$15.00

Order from and send comments to: Lynne Simnick, lynne.simnick@iapmo.org

BSR Z136.6-201x, Standard for Safe Use of Lasers Outdoors (revision of ANSI Z136.6-2005)

This standard provides guidance for the safe use of potentially hazardous lasers and laser systems (180 nm to 1 mm) in outdoor environments. Products and applications covered include laser light shows, lasers used for outdoor scientific research, and military lasers.

Single copy price: \$30.00

Order from and send comments to: Barbara Sams, bsams@lia.org

BSR/UL 1778-201x, Standard for Safety for Uninterruptible Power Systems (revision of ANSI/UL 1778-2005)

This standard applies to movable, stationary, fixed, and built-in UPS for distribution systems up to 600 V a.c. This equipment is designed to be installed in accordance with the CEC, Part I, CSA C22.1, or the NEC, ANSI/NFPA 70, and the Standard for the Protection of Electronic Computer Data-Processing Equipment, ANSI/NFPA 75. This standard is intended to reduce the risk of fire, electric shock, or injury to persons from installed equipment, both as a single unit or as a system of interconnected units, subject to installing, operating, and maintaining the equipment in the manner prescribed by the manufacturer.

Single copy price: Contact comm2000 for pricing and delivery options

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

Send comments to: Anne Marie Jacobs, annemarie.jacobs@ul.com

Due 15 April 2014

BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

This standard establishes requirements for the performance, design, qualification testing, markings and instructions, inspections, maintenance and storage, and removal from service of self-retracting devices including self-retracting lanyards (SRL's), self-retracting lanyards with integral rescue capability (SRL-R's), and self-retracting lanyards with leading edge capability (SRL-LE's). This standard establishes requirements for SRD's intended for use in personal fall arrest or rescue systems for authorized persons within the capacity range of 130 to 310 pounds (59 to 141 kg).

Single copy price: \$80.00

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

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 C78.50-201x, Electric Lamps - Assigned LED Lamp Codes (new standard)

This standard provides physical and electrical characteristics of the group of integrally ballasted solid-state lighting lamps that have standardized characteristics. Lamps covered in this standard contain LED-based light sources.

Contact: Ronald Runkles, ron_runkles@nema.org

BSR/NSF 444-201x, Prevention of Injury and Disease Associated with Building Water Systems (new standard)

The overall scope of this standard is to protect public health from harm associated with premise plumbing, cooling towers, and other water systems in buildings. This standard will apply the HACCP requirements for building water systems and be guided by the seven basic principles of HACCP. Microbial hazards addressed including protists, bacteria, and fungi. A key component of this program will be to include training guidelines for facility operators and engineers to properly apply these foundational requirements to prevent harm from physical, chemical, and microbial hazards associated with building water systems. [This project may seem to be a stretch for *Standards News* readers, but we all use piped building water, and PLASA's E1.29, Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil, draws on research about creating and maintaining potable water.]

Contact: Jessica Evans, jevans@nsf.org

BSR/NSF 446-201x, Glossary of HACCP Terms for Building Water Systems (new standard)

The overall scope of this standard is to define standard terms that are used in the practice of HACCP for building water systems. These terms will be used throughout the training courses and the HACCP for Building Water System Program. [This project may seem to be a stretch for *Standards News* readers, but we all use piped building water, and PLASA's E1.29, Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil, draws on research about creating and maintaining potable water.]

Contact: Jessica Evans, jevans@nsf.org

BSR/PEARL Rev 6-201x, PEARL Reconditioning Standard (new standard)

The PEARL Reconditioning Standard is intended to establish a minimum work scope for the reconditioning of electrical products and systems, to extend the service life and reliability of the product and to confirm that they are suitable for their intended use.

Contact: Mark Stone, pearl@pearl1.org

BSR/UL 1650-201X, Standard for Safety for Portable Power Cable (new standard)

This Standard specifies the requirements for Portable Power Cables for use in accordance with the National Electrical Code, NFPA 70.

Contact: Linda Phinney, Linda.L.Phinney@ul.com

Final Actions on American National Standards

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

ANSI/BIFMA e3 (i17r1)-2014, Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2012e): 12 February 2014

ANSI/ISEA 125-2014, Conformity Assessment of Safety and Personal Protective Equipment (new standard): 5 February 2014

Draft IEC and ISO Standards—only one!

This section lists proposed standards that the International Electrotechnical Commission (IEC) and International Organization for Standardization (ISO) are considering for approval—but there is only one of note for this issue of *Standards News*! *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 ISO doesn't want to hear from you directly.) Comments from US citizens regarding ISO documents should be sent to Karen Hughes (isot@ansi.org). The deadline for comments is noted.

ISO/DIS 7240-8, Fire detection and alarm systems - Part 8: Carbon monoxide fire detectors using an electrochemical cell in combination with a heat sensor [These detectors shouldn't be fooled by fog!] - 14 May 2014

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 13482:2014, Robots and robotic devices - Safety requirements for personal care robots, \$240.00

ISO 13608:2014, Plywood - Decorative veneered plywood, \$108.00

ISO 13609:2014, Wood-based panels - Plywood - Blockboards and battenboards, \$66.00

ISO 22559-1:2014, Safety requirements for lifts (elevators) - Part 1: Global essential safety requirements (GESRs), \$259.00

ISO 5817:2014, Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections, \$156.00

ISO 7010/Amd5:2014, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 5, \$22.00

ISO/CIE 11664-6:2014, Colorimetry - Part 6: CIEDE2000 Colour difference formula, \$88.00

ISO/IEC 25051:2014, Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Requirements for quality of Ready to Use Software Product (RUSP) and instructions for testing, \$173.00

TSP Meeting Schedule

The Stage Lifts Working Group 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 Fort Worth Convention Center in Ft. Worth, TX in conjunction with the USITT Conference and Stage Expo. Visit <http://tsp.plasa.org/tsp/meetings/index.php> to see the most up-to-date schedule.

Control Protocols Working Group	09:00 - 13:00	Thursday 27 March 2014
CPWG BSR E1.37-3 Task Group	09:00 - 13:00	Friday 28 March 2014
Electrical Power Working Group	09:00 - noon	Wednesday 26 March 2014
EPWG Grounding & Bonding Task Group	19:00 - 23:00	Tuesday 25 March 2014
Floors Working Group	08:00 - 11:00	Saturday 29 March 2014
Fog & Smoke Working Group	09:00 - 10:00	Friday 28 March 2014
Followspot Position Working Group	10:00 - 11:00	Friday 28 March 2014
Rigging Working Group	19:00 - 23:00	Friday 28 March 2014
Rigging BSR E1.4-1 Task Group	19:00 - 23:00	Wednesday 26 March 2014
Rigging BSR E1.4-2 Task Group	09:00 - 17:00	Thursday 27 March 2014
Rigging BSR E1.47 Task Group	09:00 - 10:00	Wednesday 26 March 2014
Rigging BSR E1.50 Task Group	14:00 - 18:00	Wednesday 26 March 2014
Technical Standards Council	13:00 - 17:00	Wednesday 26 March 2014

The summer TSP meetings and Plugfest will be the weekend of July 26 & 27 at the Marriott Solana in Westlake, TX. Now you know!

PLASA Standards News

is distributed as a benefit to PLASA members and as a project announcement medium for PLASA's Technical Standards Program.

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