



Technical Standards Program

ESTA Standards Watch

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BSR E1.4-2, Statically Suspended Rigging Systems, Now in Public Review

BSR E1.4-2, Statically Suspended Rigging Systems, is in public review through 25 December 2017 at http://tsp.esta.org/tsp/documents/public_review_docs.php. This draft standard addresses statically suspended

rigging systems (equipment and components) permanently installed in performance spaces, places of assembly, and other areas used for entertainment purposes where not otherwise covered by other E1 standards. This standard intends to establish minimum performance criteria, recommendations and guidelines that can be used for installation, use, maintenance and inspection purposes. Comments are due before Boxing Day!

And Three Others Also in Public Review

Three draft standards and their accompanying review documentation have come out of the November Technical Standards Program meetings and are now posted for public comment. Comments on these three will be accepted through the end of the day 15 January 2018. The draft standards and their scopes are listed below.

BSR E1.4-3 – 201x, Entertainment Technology—Manually Operated Hoist Rigging Systems

This standard applies to permanently installed, human-powered manually operated hoists used as part of rigging systems for raising, lowering, and suspension of scenery, properties, lighting, and similar loads. This standard establishes requirements for the design, manufacture, installation, inspection, and maintenance of manual hoist systems for lifting and suspension of loads for performance, presentation, and theatrical production. The draft standard is undergoing its second public review from the Rigging Working Group.

BSR E1.35 – 2013 (R201x), Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use

E1.35 describes a method for measuring stage and studio luminaire lens quality with particular emphasis on contrast and perceived image quality (sharpness). It also offers a way for presenting these results on a datasheet in a format that is readily understood by a typical end-user. The 2013 version of the standard is being considered for reaffirmation by the Photometrics Working Group.

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

E1.51 is intended to offer guidance, in the context of 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. The draft standard is being offered for a seventh public review by the Electrical Power Working Group.

Download the draft standards and the public review documentation, including prior public review comment resolutions and review forms at http://tsp.esta.org/tsp/documents/public_review_docs.php.

ESTA-curated Educational Sessions at NAMM 2018

ESTA is curating four tracks of educational sessions at The 2018 NAMM Show in Anaheim, CA, January 25-28: Lighting, Lighting Networking, Rigging, and Safety. The USITT Electrical Workshop is also being offered. All sessions are free of charge once you pay the \$25 registration fee for the show, and all sessions offer ETCP renewal credits.

Visit esta.org/namm for the schedule and course descriptions and the link to register.

An FCC Webinar for Consumers & Others

The FCC has announced *Tis The Season To Be Jolly And Safe* as a webinar for consumers and consumer advocates, but the advice also could apply to business owners and employees. The free webinar will provide consumer protection information on topics including: robocalls and spoofing; protecting your mobile device; unwanted charges on your phone bill such as roaming; public Wi-Fi security tips; privacy issues associated with using mobile devices and apps; and giving to charities—all of which is relevant to business owners and operators as well as consumers. Registration is not required for this event. It will be streamed live at fcc.gov/live with open captions. The FCC's Consumer and Government Affairs Bureau (CGB) and the Federal Trade Commission's Bureau of Consumer Protection will host this session offering information and resources. As more

information about this webinar becomes available, it will be posted on the event page, <https://www.fcc.gov/news-events/events/2017/12/holiday-consumer-safety-tips-webinar>. The webinar is scheduled for 4 December at 14:00 EST.

Reasonable accommodations for people with disabilities are available upon request. Send an email to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418- 0530 (voice) or 202-418-0432 (TTY). Please include a description of the accommodation needed and tell the FCC how to contact you. Requests for special accommodation should be made as early as possible. Last minute requests will be accepted but may be impossible to fill.

For additional information about the webinar, please contact Alma Hughes at Alma.Hughes@fcc.gov or Rebecca Lockhart at Rebecca.Lockhart@fcc.gov.

FCC Posts “Restoring Internet Freedom” Comment Record

The Federal Communications Commission’s “Restoring Internet Freedom Notice of Proposed Rulemaking” has generated an unprecedented number of comments, reply comments, ex parte filings, and other filings in the official record of the proceeding. To facilitate a review of the record, WC Docket No. 17-108, the Commission is making all filings submitted as of 3 November 2017 available via download. The filings are provided in JSON file format, in batches of 10,000, compressed into three archive files. The public can access the data at:

https://data.fcc.gov/comments/17-108/ECFS_17-108_1.zip

https://data.fcc.gov/comments/17-108/ECFS_17-108_2.zip

https://data.fcc.gov/comments/17-108/ECFS_17-108_3.zip

Note that these are large files and are slow to download. The first is a gigabyte, and took over 15 minutes to download using a residential cable broad-band connection. It took almost as long to unzip, and expanded into a folder of over 20 gigabytes containing 741 JSON files. The first file in the folder is over 32 megabytes and runs over 10,000 pages. (LibreOffice Writer was still trying to complete the pagination when the file was closed after 10 minutes.)

The file format is JSON, “JavaScript Object Notation,” which is a format for structured data that is an alternative to XML. A JSON file is a text file you can read using a word processor, but it is only minimally human-readable. Those skilled in the art may write a JavaScript for a robot to summarize the data.

More Internet Freedom News . . . or Olds

On Tuesday 21 November, Federal Communications Commission Chairman Ajit Pai circulated to the other FCC Commissioners his draft Restoring Internet Freedom Order, which will be voted on at the FCC’s Open Meeting on December 14. He also released a statement praising the order, and stating that under it “. . . the federal government will stop micromanaging the Internet. Instead, the FCC would simply require Internet service providers to be transparent about their practices so that consumers can buy the service plan that’s best for them and entrepreneurs and other small businesses can have the technical information they need to innovate.” Pai commented on NPR the following morning that the FCC under President Clinton got it right in 1996 when they adopted a “light-touch” regulatory approach. On December 15 we will know whether Internet access today is a public utility, as the FCC considered it in 2015, or an information service, as the FCC considered it in 1996.

Chairman Pai’s Tuesday statement is available at https://apps.fcc.gov/edocs_public/attachmatch/DOC-347868A1.pdf. Commissioner Mignon L. Clyburn’s statement calling Pai’s statement a “pre-holiday news dump” and renaming the order as “Destroying Internet Freedom” is available at https://apps.fcc.gov/edocs_public/attachmatch/DOC-347869A1.pdf. Statements pro and con from Commissioners Carr, O’Reilly, and Rosenworcel are available at https://apps.fcc.gov/edocs_public/attachmatch/DOC-347870A1.pdf, http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1121/DOC-347902A1.pdf, and https://apps.fcc.gov/edocs_public/attachmatch/DOC-347875A1.pdf. A summary of the proposed rulemaking and

links to the rulemaking's text are available at <https://www.fcc.gov/restoring-internet-freedom>. The agenda for the December 14 meeting is available at https://apps.fcc.gov/edocs_public/attachmatch/DOC-347926A1.pdf.

Mass Gathering Medicine Summit 2018

The third annual Mass Gathering Medicine Summit, a conference & symposium for mass-gathering medical professionals to network, learn from one another, establish partnerships, and understand the latest trends in medicine, will be held in Miami, FL, 9-10 February 2018.

Medical professionals and public safety executives will present sessions geared towards attendees of all levels, intended to help find answers and creative new ideas in mass gathering event medicine management. The 3rd Annual Mass Gathering Medical Summit (MGMS) will feature keynote speakers, informative panel discussions, breakout sessions, social activities, and more.

Providers and experts from specialty groups, hospitals, major sporting events, corporate sponsors and music festivals will be present to speak on the following topics:

- Protocol Updates
- CME Credit
- Austere Medicine
- Legal Issues
- Limited-Resource Medicine
- Integration with Security, Public Safety, and Medical
- Planning for Mass-Gatherings
- Event Management
- Networking Lunches
- New Technology
- Treatment for Malignant Hyperthermia in the Field

For more information, or to register, visit www.MassGatheringMedicine.org, or email the organizers at Info@MassGatheringMedicine.org.

Lockout/Tagout: OSHA Wants Your Opinion on Paperwork

OSHA has announced in the *Federal Register* a request for public comments concerning its proposal to extend Office of Management and Budget approval of the information collection requirements specified in the Standard on the Control of Hazardous Energy (Lockout/Tagout), 29 CFR 1910.147. Comments must be submitted (postmarked, sent, or received) by 2 January 2018.

OSHA has a particular interest in comments on the following issues:

- whether the proposed information collection requirements are necessary for the proper performance of the Agency's functions, including whether the information is useful;
- the accuracy of OSHA's estimate of the burden (time and costs) of the information collection requirements, including the validity of the methodology and assumptions used;
- the quality, utility, and clarity of the information collected; and
- ways to minimize the burden on employers who must comply--for example, by using automated or other technological information collection and transmission techniques.

The full request for comment, plus a summary of what record-keeping and reporting is now required for 29 CFR 1910.147 compliance, is available at <https://www.osha.gov/laws-regs/federalregister/2017-11-01>

WTO Technical Barrier to Trade Notifications

The U.S. Department of Commerce's service, Notify U.S., recently has announced WTO Technical Barrier to Trade notices that may be of interest to *Standards Watch* readers. If you have a problem with the TBTs, you can

protest through your representative to the WTO. See "Guidance for Comment Submissions by U.S. Industry on TBT Notifications" at <http://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> or <http://ec.europa.eu/enterprise/tbt/> for advice on filing objections.

India Notification IND/44/IND (IND/44 , Add.1 , Add.2 , Add.3 , Add.4 , Add.5 ,)

Date issued: 6 November 2017

Corrigendum type: Addendum

Correction type: Correction with full text

Corrigendum: India had notified the "Electronics and Information Technology Goods (Requirements for Compulsory Registration) Order, 2012" to the WTO in document G/TBT/N/IND/44.

In continuation of the said WTO notification, India would like to inform the members that it has carried out amendments to the aforesaid Order vide its Gazette notification S.O. No. 2742(E) dated 23.08.2017 (copy attached), thereby adding 13 electronic products in the existing list.

The notification is available in the Public domain and can be accessed at URL:

http://meity.gov.in/writereaddata/files/phase_3_notification.pdf.

https://members.wto.org/cnattachments/2017/TBT/IND/17_4977_00_e.pdf

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/IND/corrigenda/pdf/IND44_add_6\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/IND/corrigenda/pdf/IND44_add_6(english).pdf)

Israel Notification ISR/416/ISR (ISR/416)

Date issued: 22 November 2017

Corrigendum type: Addendum

Correction type: Correction with full text

Corrigendum: Low-alloy steel electrodes for shielded metal arc welding (SI 1338)

The revision process of the Mandatory Standard SI 1338, notified in G/TBT/N/ISR/416 (dated 11 June 2010) has been stopped and a new draft revision should be announced soon.

http://www.economy.gov.il/standartization/WTO_TBT/ISR_Text/SI1212Part1Amd5_Jun16.pdf

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/corrigenda/pdf/ISR416_add_1\(hebrew\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/corrigenda/pdf/ISR416_add_1(hebrew).pdf)

United States of America Notification USA/1020/USA (USA/1020 , Add.1 , Add.2 ,)

Date issued: 6 November 2017

Corrigendum type: Addendum

Correction type: Correction with full text

Title: Authorization of Radiofrequency Equipment

Agency: Federal Communications Commission

Action: Final rule

Summary: The Federal Communications Commission (Commission) amends its equipment authorization regulations, increasing the Commission's agility to respond to changes in technology and industry standards. This rule consolidates, simplifies, and streamlines certain procedures, and removes the requirement to file the import declaration FCC Form 740 under certain circumstances.

The incorporation by reference listed in the rule was approved by the Director of the Federal Register as of 2 November 2017.

Full text: https://members.wto.org/cnattachments/2017/TBT/USA/17_4996_00_e.pdf

Korea, Republic of Notification KOR/736

Date issued: 17 November 2017

Agency Responsible: National Radio Research Agency (RRA)

National Inquiry Point: Korean Agency for Technology and Standards (KATS), Ministry of Commerce, Industry and Energy (MOCIE) (KATS/MOCIE)

Products covered: Telecommunications equipment and electrical appliances

Title: Public Notification of Conformity Assessment for Broadcasting Communications Equipment (15 pages, in Korean)

Description of content: A. Revision of filing method of conformity certification documents (Article 5) . They can not submit the test report every year if the importer who obtained the conformity certificate without the circuit diagram submits the circuit diagram later, and apply mutatis mutandis of modification reporting procedure in submitting the test report and the circuit diagram

B. Revision of conformity assessment marking method (Article 23, Attached Table 5) . In order to avoid confusion on marking timing in import and sales, the conformity assessment mark shall be displayed on the equipment before customs clearance.

. To prevent confusion and inconvenience between manufacturers and consumers, a permanent identification mark shall be used, "R (meaning Radio Act)", not affected by changes of Ministry name under reshuffling government organization.

. In order to alleviate the burden on authorization appliers, if it is possible to identify visually the conformity assessment mark of the product in the packaging state with transparent packaging material, the conformity assessment mark on the package can not be displayed.

. In order to ease the burden on authorization appliers, when purchasing parallel import products, if buyers provide stickers, etc. to attach the conformity assessment mark by themselves on product surface the conformity assessment mark can not be displayed on the product

. In order to enhance appliers' benefit, underbars (_) and hyphens (-) can be used in the product identifier of the conformity assessment mark.

C. New Introduction and partly reclassification of authorized fire fighting equipment(Attached Table 2, Attached Table 3) . In order to resolve duplicate certification, fire fighting equipment under the Ministry of the Interior and Safety shall be included to the authorized equipment under Ministry of Science and ICT.

. In order to comply with the classification criteria of equipment, we shall reclassify the motor vehicles and equipment driven by DC power supplies, previously excluded from the vehicles and equipment by ignition engine.

. We shall exclude electric lighters and LED lanterns from authorized equipment due to significantly low harmful interference of EMC.

D. Form changes to facilitate the conformity assessment process (Attached, Form 1, Form 5, Form 6, Form 8) . Applying technical requirement of "Field Strength" to some home appliances, the test of "Field Strength" is added to the application form of conformity assessment.

. A photograph of the equipment appearance shall be attached to the "approved papers compliant with the conformity assessment regulation" to identify the equipment at the site when examining and inspecting illegal equipment.

E. Revision of other public notification (Appendix) . We shall intend to revise the "Notification on Designation and Management of Testing Labs for Broadcasting and Communication Equipment, etc." so that the field of electromagnetic compatibility (EMC) test for fire-fighting equipment can be included for the designation (Appendix)

Objective and rationale: This rule aims to specify the relevant matters regarding broadcasting and communication equipment and electrical appliances subject to conformity assessment and detail procedures of conformity assessment.

Relevant documents: RRA Public Notice No. 2017-49 (27 September 2017)

Proposed date of adoption: 1 December 2017

Proposed date of entry into force: 1 December 2017

Final date for comments: 1 December 2017

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR736\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR736(korean).pdf)

China Notification CHN/1229

Date issued: 15 November 2017

Agency Responsible: Standardization Administration of China (SAC)

National Inquiry Point: General Administration of Quality Supervision and Inspection and Quarantine of the People's Republic of China (AQSIQ)

Products covered: Waste Electric Motors HS 7404

Title: Environmental Protection Control Standard for Imported Solid Wastes as Raw Materials - Waste Electric Motors (5 pages, in Chinese)

Description of content: The standard regulates the environmental protection requirements of the imported waste electric motors, their carried-wastes and the radioactive pollution control.

Objective and rationale: Protection of human health or safety; Protection of animal or plant life or health; Protection of the environment

Proposed date of adoption: 31 December 2017

Proposed date of entry into force: 1 March 2018

Final date for comments: 15 December 2017

Full text:

[https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1229\(simplified_chinese\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1229(simplified_chinese).pdf)

China Notification CHN/1230

Date issued: 15 November 2017

Agency Responsible: Standardization Administration of China (SAC)

National Inquiry Point: General Administration of Quality Supervision and Inspection and Quarantine of the People's Republic of China (AQSIQ)

Products covered: Waste wires and cables HS 7404, 7602

Title: Environmental Protection Control Standard for Imported Solid Wastes as Raw Materials - Waste Wires and Cables (5 pages, in Chinese)

Description of content: The standard regulates the environmental protection requirements of the imported waste wires and cables, their carried-wastes and the radioactive pollution control.

Objective and rationale: Protection of human health or safety; Protection of animal or plant life or health; Protection of the environment

Proposed date of adoption: 31 December 2017

Proposed date of entry into force: 1 March 2018

Final date for comments: 15 December 2017

Full text:

[https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1230\(simplified_chinese\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1230(simplified_chinese).pdf)

Korea, Republic of Notification KOR/735

Date issued: 6 November 2017

Agency responsible: Korean Agency for Technology and Standards (KATS), Ministry of Commerce, Industry and Energy (MOCIE) (KATS/MOCIE)

National Inquiry Point: Korean Agency for Technology and Standards (KATS), Ministry of Commerce, Industry and Energy (MOCIE) (KATS/MOCIE)

Products covered: Lithium Battery

Title: Draft Amendment of Technical Regulation for Lithium Secondary Battery Safety (50 pages, in Korean)

Description of content: The current technical regulation for lithium secondary battery of Korea has adopted IEC 62133 as it is. However, this amendment of the technical regulation additionally requires an over-charging test (cell), vibration (battery pack), and mechanical shock (battery pack) test items for lithium secondary batteries used in smartphones, notebooks and tablet PCs.

Objective and rationale: Safety

Relevant documents: KATS NOTIFICATION No 2017-279 (2017.10.30.)

Proposed date of adoption: 30 January 2018

Proposed date of entry into force: 30 January 2019

Final date for comments: 5 January 2018

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR735\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR735(korean).pdf)

Israel Notification ISR/972

Date issued: 8 November 2017

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: Swinging fire doors (HS 441820, 730830)

Title: SI 1212 part 1 - Fire door and smoke door assemblies: Swinging fire doors (5 pages, in Hebrew)

Description of content: 5th amendment to the Mandatory Standard SI 1212 part 1 dealing with swinging fire doors. The major change include in this amendment is the change of paragraph 3.2.2 dealing with door closer.

Objective and rationale: Protection of human health or safety

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 7 January 2018

Full text (Hebrew): [https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR972\(hebrew\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR972(hebrew).pdf)

Israel Notification ISR/978

Date issued: 22 November 2017

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: Electrodes for arc welding (HS 831110)

Title: SI 1338 - Covered electrodes and low-alloy steel electrodes for arc welding (160 pages, in English; 9 pages, in Hebrew)

Description of content: Revision of the Mandatory Standard SI 1338, dealing with covered electrodes and low-alloy steel electrodes for arc welding. This draft standard revision adopts 4 different International Standards with a few changes that appear in the standard's Hebrew section. This new draft standard revision allows to choose between 2 different routes of compliance: . Compliance with one of 3 different International Standards: ISO 2560 - Third edition: 2009-10-15, ISO 3580 - Third edition: 2010-03-15 or ISO 18275 - Second edition: 2011-05-01 with a few changes that appear in the standard's Hebrew section; . Compliance with the American Welding Association Standard AWS A5.5/A5.5M: 2014 with a few changes that appear in the standard's Hebrew section.

It is not allowed to combine between the different routes and one should stick to the chosen route in order to achieve compliance with this standard. This new draft revision is significantly different than the old standard.

Objective and rationale: Protection of human health or safety

Relevant documents: . Mandatory Standard SI 1338 (Dec. 1986) + Amendment 1 (Nov. 1994) and Amendment 2 (Nov. 1997);

- . International Standard ISO 2560 - Third edition: 2009-10-15;
- . International Standard ISO 3580 - Third edition: 2010-03-15;
- . International Standard ISO 18275 - Second edition: 2011-05-01;
- . American Welding Association Standard AWS A5.5/A5.5M: 2014;
- . G/TBT/N/ISR/416 and its addendum.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 21 January 2018

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR978\(hebrew\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ISR/full_text/pdf/ISR978(hebrew).pdf)

Italy Notification ITA/31

Date issued: 13 November 2017

Agency Responsible: Ministry for Economic Development, Department for Market Regulation - Market Supervision and Technical Regulation General Directorate

National Inquiry Point: TBT Italia Enquiry Point, Ministry for Economic Development, Department for Market Regulation - Market Supervision and Technical Regulation General Directorate

Products covered: Internet access services; software and digital content

Title: Draft law laying down measures concerning the provision of Internet services for the protection of competition and freedom of access for users (Senate Act No 2484) (8 pages, in Italian)

Description of content: The draft law is composed of six articles.

Article 1 contains the definitions used for the application of the law;

Article 2 establishes the qualification requirements for access services or connectivity to the Internet and specifications relating to the content of contractual documentation to be provided to users of these services.

Article 3 establishes, consistent with guidelines for the implementation of Article 3(5) of Regulation (EU) 2015/2120, rules concerning limits to traffic management; it governs the provision by network access service operators of value-added services to prioritise traffic classes in their own access network segment and the fixing of the prices for such services; the procedures to be adopted in the event of damage to the integrity or security of the Internet network or to the service or terminal of other users caused by traffic from another end user of the same operator; it provides that the Italian Communications Authority establishes minimum levels of service quality, which must be respected and adequately publicised by providers of electronic communications services.

Article 4 governs the rights of users in terms of choice and selection of software available online and for uninstalling software and removing content from their devices that is not of interest to them; it prohibits operators of platforms from limiting or restricting those rights to the acquisition or use of specific software, content or services through contractual, technological, economic tools or user experience.

Article 5 stipulates rules on transparency, imposing the obligation on network or electronic communications service providers to publish on their own website in the price transparency section, within 30 days of the date of entry into force of the law, offers under the scope of application of Articles 2 and 3.

Article 6 lays down rules governing penalties for cases violating the obligations imposed by the draft law.

Objective and rationale: The specifications, limitations and other requirements set out in the notified draft law are designed to govern the supply of Internet services in terms of protection of competition and freedom of access for users.

Proposed date of adoption: 7 February 2018

Proposed date of entry into force: 22 February 2018

Final date for comments: 25 January 2018

Full text (English): [https://tsapps.nist.gov/notifyus/docs/wto_country/ITA/full_text/pdf/ITA31\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ITA/full_text/pdf/ITA31(english).pdf)

Full text (Italian): [https://tsapps.nist.gov/notifyus/docs/wto_country/ITA/full_text/pdf/ITA31\(italian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ITA/full_text/pdf/ITA31(italian).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 25 December 2017

BSR/IES LM-88-201x, Approved Method: Optical and Electrical Measurements of AC-LED Packages and Arrays or Modules (new standard)

This document describes methods of measurements for alternating current driven light-emitting diodes (AC-LEDs), including AC-LED packages and AC-LED arrays or modules that are designed to operate on an AC source such as a 120-V, 60-Hz main without the need of a driver. This document provides uniform methods for operation and measurement of AC-LEDs. The methods and instruments for optical measurements are not described in this document; such information refers to IES LM-85-14 (or the latest version).

Single copy price: \$25.00

Order from and send comments to: Patricia McGillicuddy, pmcgillicuddy@ies.org

BSR/NECA 121-201X, Standard for Installing Nonmetallic-Sheathed Cable (Type NM-B) and Underground Feeder and Branch-Circuit Cable (Type UF) (new standard)

This standard describes installation procedures for nonmetallic-sheathed cable (Type NM) and underground feeder and branch-circuit cable (Type UF).

Single copy price: \$40.00

Order from and send comments to: Aga Golriz, Aga.golriz@necanet.org

Due 1 January 2018

BSR/ASB BPR 009-201x, Best Practice Recommendations for the Examination of Human Remains by Forensic Pathologists in the Disaster Victim Identification Context (new standard)

The purpose of this document is to provide best practices and guidelines regarding post-mortem data collection by forensic pathologists to aid in the identification of human remains following a mass fatality incident. This document does not speak to the role forensic pathologists may have in death certification or in management of the overall operation, but rather is limited to the morgue operations role. In the absence of a specific guideline, the principle, spirit, and intent of this document should be met. The priorities established in a mass fatality incident will be dictated by the specifics of the incident and the directives established by the medicolegal authority of that jurisdiction. The forensic pathologist should recognize that the objectives addressed by the examination of human remains in a mass fatality incident may differ from routine caseload management in their daily practice. The examination objectives in cases where mortal injuries are externally obvious may prioritize data collection for identification purposes over internal demonstration of injuries with a complete autopsy. It is important that the forensic pathologist shift their perspective and recognize that what they consider essential in their daily caseload management practice may not be the objective in a specific mass fatality incident. In the DVI operation, the forensic pathologist belongs to a multi-disciplinary team and often serves as the main examiner or scientific team leader during the post-mortem examination. Forensic pathologists are responsible for the collection of data derived from the physical examination of human remains recovered from mass fatality incidents, for the purpose of: (1) scientific identification and (2) determination of cause and manner of death. This examination includes, but is not limited to, documentation of personal effects, recognition of unique morphoscopic identifiers, review of radiologic assessments and recovery of medical devices. Forensic pathologists also collect evidence and document injuries. DVI practitioners are encouraged to develop, implement, exercise, and review their mass fatality incident response operating procedures in light of these

guidelines and best practices, and to update their procedures as needed. It is anticipated that these guidelines will evolve as future technologies emerge.

Single copy price: Free

Document and comments template can be viewed on the AAFS Standards Board website at:

<https://asb.aafs.org/notification-of-standard-development-and-coordination/>

Send comments to: asb@aafs.org

BSR/ASME B30.9-201X, Slings (revision of ANSI/ASME B30.9-2014)

Volume B30.9 includes provisions that apply to the fabrication, attachment, use, inspection, testing, and maintenance of slings used for load-handling purposes, used in conjunction with equipment described in other volumes of the B30 Standard, except as restricted in B30.12 and B30.23. Slings fabricated from alloy steel chain, wire rope, metal mesh, synthetic fiber rope, synthetic webbing, and polyester and high-performance fiber yarns in a cover(s) are addressed.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Send comments to: Kathryn Hyam, hyamk@asme.org

BSR/BICSI N1-201x, Installation Practices for Telecommunications and ICT (new standard)

This standard describes minimum requirements and procedures for installing the cabling and cabling infrastructure for telecommunications and ICT systems. Additionally, this standard will provide recommendations which may optimize performance or longevity of the cabling and cabling infrastructure and serve as a reference for “neat and workmanlike manner” installation practices.

Single copy price: Free

Order from and send comments to: Jeff Silveira, jsilveira@bicsi.org

BSR/BICSI 004-201x, Information and Communication Technology Systems Design and Implementation (revision of ANSI/BICSI 004-2013)

This standard specifies design and installation requirements for telecommunications information technology systems within a healthcare building and between healthcare buildings in a campus environment. It defines terms, recommends cabling types and topology while also providing additional useful systems information and guidance on coordination between design and construction disciplines.

Single copy price: Free

Order from and send comments to: Jeff Silveira, jsilveira@bicsi.org

BSR C137.1-201X, Zero to Ten Volt (0-10V) Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (new standard)

This standard specifies the 0-10 volt control interface method and performance requirements for dimmable LED drivers, fluorescent ballasts and dimming control units where output power is adjustable between minimum/off and maximum via a control input signal. The interface may be from one or more control units to one or more drivers or ballasts. Applications include, but are not limited to, commercial, residential, industrial, roadway and area, and hospitality.

Single copy price: \$60.00

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

Due 9 January 2018

BSR/UL 5500-201x, Standard for Safety for Remote Software Updates (new standard)

This proposed first edition of the Standard for Safety for Remote Software Updates, UL 5500, covers the remote updating of software via the manufacturer's recommended process. It is limited to software elements having an influence on safety and on compliance with the particular end-product safety standard.

Obtain an electronic copy from: <http://www.shopulstandards.com>

Send comments to: Megan Monsen, megan.monsen@ul.com

Due 16 January 2018

BSR/UL 962A-201x, Standard for Safety for Furniture Power Distribution Units (new standard)

(1) Proposed fifth edition of UL 962A, the Standard for Safety for Furniture Power Distribution Units.

Single copy price: Contact the UL Sales Site for pricing and delivery options

Order from: www.shopulstandards.com

Send comments to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

BSR/UL 1363-201x, Standard for Safety for Relocatable Power Taps (new standard)

(1) Proposed fifth edition of UL 1363, the Standard for Safety for Relocatable Power Taps.

Single copy price: Contact the UL Sales Site for pricing and delivery options

Order from: www.shopulstandards.com

Send comments to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

BSI Public Review Announcements

BSI Standards has announced draft documents for public review that might be of interest to *Standards Watch* readers. BSI documents may be commented on at <https://standardsdevelopment.bsigroup.com/>. BSI has transitioned from their old website, <http://drafts.bsigroup.com/>.

Due 25 December 2017

BS EN 131-6 Ladders. - Part 6: Telescopic ladders

This European Standard specifies the general design features, requirements and test methods and defines terms for leaning and standing telescopic ladders. Ladders with extension elements are not covered by this part of EN 131. This part of the standard is intended to be used in conjunction with EN 131-1, EN 131-2, EN 131-3 and if applicable EN 131-4.

BS EN 16307-3 Industrial trucks - Safety requirements and verification - Part 3 Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)

This European standard gives requirements for the types of industrial trucks specified in the scope of EN ISO 3691-3. This standard is intended to be used in conjunction with EN ISO 3691-3. These requirements are supplementary to those stated in EN ISO 3691-3. This European standard defines supplementary requirements to EN ISO 3691-3: • Brakes • Fall Protection Device • Stability • Information for use (instruction handbook and marking) Annex A (informative) contains the list of significant hazards covered by this standard.

BS EN 927-10 Paints and varnishes - Coating materials and coating systems for exterior wood. - Part 10: Resistance to blocking of paints and varnishes on wood

This European Standard specifies a test method for determining, under standard conditions, whether a single-coat film or a multi-coat system of paints and varnishes on wood after a specified drying period is sufficiently dry to avoid damage when two painted surfaces or one painted surface and another surface are placed in contact under pressure and subsequently separated. The method is intended to simulate the conditions when painted articles come into contact with each other. In comparison to EN ISO 9117-2, the conditioning and parameters which influence the behaviour of wood coatings are more specific.

CSA Public Review Announcements

The CSA Group has announced a draft document for public review that might be of interest to *Standards Watch* readers. To participate in the public review please visit: <http://publicreview.csa.ca/>.

Due 6 January 2018

C22.2 NO. 178.1 Transfer switch equipment (Amendment)

This is a proposed Amendment to C22.2 NO. 178.1-14: Transfer Switch Equipment

Due 13 January 2018

C22.2 NO. 89 Swimming-Pool Luminaires, Submersible Luminaires and Accessories (Amendment)

This is an Amendment to C22.2 NO. 89 - Swimming-Pool Luminaires, Submersible Luminaires and Accessories

New ANS Projects

ANSI has announced the following new projects that might materially affect *Standards Watch* 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/ASME B30.32-200x, Unmanned Aircraft Systems (UAS) Used in Inspection, Testing, Maintenance and Material Lifting Operations (new standard)

This standard will contain provisions that apply to the use of Unmanned Aircraft Systems (UAS) in supporting the inspection, testing, maintenance, and lifting operations of equipment addressed in the B30 series of standards.

Contact: Mayra Santiago, ansibox@asme.org

BSR/ASTM WK60844-201x, New Guide for Determining the Maximum, Consumer Acceptable, Push & Pull Forces to Operate a Vacuum Cleaner on Carpeted Surfaces (new standard)

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK60844.htm>

The project is to provide a guide for assessing and determining the maximum acceptable, push and pull forces to maneuver a vacuum cleaner on carpeted surfaces during the activity of cleaning. This guide will recommend a consumer sampling approach for determining maximum acceptable force values based entirely on consumer preferences. Contact: Corice Leonard, accreditation@astm.org

BSR AWS A9.5-201x, Guide for Verification and Validation in Computation Weld Mechanics (revision of ANSI/AWS A9.5-2012)

This standard provides guidelines for assessing the capability and accuracy of computational weld mechanics (CWM) models. This standard also provides general guidance for implementing verification and validation (V & V) of computational models for complex systems in weld mechanics.

Contact: Rakesh Gupta, gupta@aws.org

BSR/MSE/ISO 50001-201x, Energy management systems -Requirements with guidance for use (identical national adoption of ISO 50001:2018)

This document specifies requirements for establishing, implementing, maintaining, and improving an energy management system, and its aim is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance.

Contact: Moon Kim, Moon.Kim@gtri.gatech.edu

BSR/NFPA 75-201x, Standard for the Fire Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2009)

This standard covers the requirements for the protection of information technology equipment and information technology equipment areas.

Contact: Dawn Michele Bellis, dbellis@nfpa.org

BSR/NFSI B101.3-201x, Test Method for Measuring the Wet DCOF of Hard Surface Walkways (revision of ANSI/NFSI B101.3-2012)

This test method specifies the procedures and devices used for both laboratory and field testing to measure the wet dynamic coefficient of friction (DCOF) of hard-surface walkways.

Contact: Russell Kendzior, russk@nfsi.org

BSR/NFSI B101.10-201x, Standard for Preparing, Maintaining, Conditioning and Storing Tribometer Sensor Materials (new standard)

The standard will address the proper preparation, maintenance, conditioning, and storage of tribometer sensor materials.

Contact: Russell Kendzior, russk@nfsi.org

BSR/RESNET 600-201x, Standard for the Sampling of Inspections, Testing, and Energy Ratings (new standard)

This standard applies to detached dwelling units and dwelling units, sleeping units, and whole-building components in buildings containing multiple units.

Contact: Richard Dixon, rick.dixon@resnet.us

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 on the date noted.

ANSI E1.25-2012 (R2017), Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface (reaffirmation of ANSI E1.25-2012): 2 November 2017

ANSI E1.36-2007 (R2017), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012)): 2 November 2017

ANSI E1.9-2007 (R2017), Entertainment Technology – Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting (reaffirmation of ANSI E1.9-2007 (R2012)): 2 November 2017

ANSI N42.41-2007 (R2017), Standard Minimum Performance Criteria for Active Interrogation Systems Used for Homeland Security (reaffirmation of ANSI N42.41-2007): 7 November 2017

ANSI/ASHRAE/IES Addendum 100a-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100 -2015): 1 November 2017

ANSI/ASHRAE/IES Addendum 100c-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100 -2015): 1 November 2017

ANSI/ASHRAE/IES Addendum 100d-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100 -2015): 1 November 2017

ANSI/ASTM E2619-2017, Practice for Measuring and Calculating Building Loss Features That Take Up Floor Area in Buildings (revision of ANSI/ASTM E2619-2009): 24 October 2017

ANSI/IACET 1-2018, Standard for Continuing Education and Training (revision of ANSI/IACET 1-2013): 3 November 2017

ANSI/IEEE 802.15.3-2016, Standard for High Data Rate Wireless Multi-Media Networks (revision of ANSI/IEEE 802.15.3-2003 (R2008)): 7 November 2017

ANSI/UL 498-2017d, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2017): 3 November 2017

INCITS/ISO/IEC 10646:2014 [2017], Information technology -Universal Coded Character Set (UCS) (identical national adoption of ISO/IEC 10646:2014 and revision of INCITS/ISO/IEC 10646:2012 [2012]): 2 November 2017

INCITS/ISO/IEC 14651:2016 [2017], Information technology -International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2016 and revision of INCITS/ISO/IEC 14651:2011 [2012]): 2 November 2017

INCITS/ISO/IEC 19510:2013 [2017], Information technology – Object Management Group Business Process Model and Notation (identical national adoption of ISO/IEC 19510:2013): 1 November 2017

INCITS/ISO/IEC 19678:2015 [2017], Information Technology – BIOS Protection Guidelines (identical national adoption of ISO/IEC 19678:2015): 1 November 2017

INCITS/ISO/IEC 19831:2015 [2017], Cloud Infrastructure Management Interface (CIMI) Model and RESTful HTTP-based Protocol – An Interface for Managing Cloud Infrastructure (identical national adoption of ISO/IEC 19831:2015): 2 November 2017

Draft IEC & ISO Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) or the International Organization for Standardization (ISO) are considering for approval. *Standards Watch* readers interested in reviewing and commenting on the document should order a copy from their national representative and submit their comments through them. Comments from US citizens on IEC and ISO documents should be sent to Charles T. Zegers at czegers@ansi.org and Karen Hughes at isot@ansi.org respectively. Any prices, if shown, are for purchases through ANSI. The sort order is by due date then alphanumeric.

65/685/FDIS, IEC 62443-4-1 ED1: Industrial communication networks - Security for industrial and control systems - Part: 4-1: Product development requirements, 1 December 2017

65A/854/NP, PNW TS 65A-854: Requirements for object-oriented software in safety-related systems, 1 December 2017

77A/986/FDIS, IEC 61000-3-2 ED5: Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), 1 December 2017

CIS/H/339A/FDIS, IEC 61000-6-4 ED3: Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments, 1 December 2017

34/418/CDV, IEC 62386-101/AMD1 ED2: Amendment 1 – Digital addressable lighting interface - Part 101: General requirements - System components, 26 January 2018

34/420/CDV, IEC 62386-102/AMD1 ED2: Amendment 1 – Digital addressable lighting interface - Part 102: General requirements Control gear, 26 January 2018

34/422/CDV, IEC 62386-103/AMD1 ED1: Digital addressable lighting interface - Part 103: General requirements - Control devices, 26 January 2018

65A/855/NP, PNW 65A-855: Functional safety - Framework for safety critical E/E/PE systems for defence industry applications, 26 January 2018

77C/276/CD, IEC 61000-4-25 Ed. 1 Amendment 2: Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems, 26 January 2018

100/3008/NP, PNW 100-3008: Event video data recorder for road vehicle accidents - Part 2: Measurement methods for basic functions, 26 January 2018

Recently Published IEC & ISO Documents

Listed here are documents recently approved by the IEC and ISO. A list of standards resellers is available at <http://webstore.ansi.org/faq.aspx#resellers>.

ISO 13061-10:2017, Physical and mechanical properties of wood -Test methods for small clear wood specimens - Part 10: Determination of impact bending strength, \$45.00

ISO 13854:2017, Safety of machinery - Minimum gaps to avoid crushing of parts of the human body, \$45.00

ISO 15394:2017, Packaging - Bar code and two-dimensional symbols for shipping, transport and receiving labels, \$209.00

ISO 16069:2017, Graphical symbols - Safety signs - Safety way guidance systems (SWGS), \$185.00

ISO 6707-1:2017, Buildings and civil engineering works - Vocabulary -Part 1: General terms, \$232.00

ISO 6707-2:2017, Buildings and civil engineering works - Vocabulary -Part 2: Contract and communication terms, \$185.00

ISO 9241-940:2017, Ergonomics of human-system interaction - Part 940: Evaluation of tactile and haptic interactions, \$232.00

ISO/IEC/IEEE 26513:2017, Systems and software engineering -Requirements for testers and reviewers of information for users, \$185.00

ISO/IEC/IEEE 8802-15-3:2017, Information technology -Telecommunications and information exchange between systems -Local and metropolitan area networks - Specific requirements – Part 15-3: High data rate wireless multi-media networks, \$232.00

ISO/IEC/IEEE 8802-15-6:2017, Information technology -Telecommunications and information exchange between systems -Local and metropolitan area networks - Specific requirements – Part 15-6: Wireless body area network, \$232.00

ISO/IEC/IEEE 8802-3/Amd1:2017, Information technology -Telecommunications and information exchange between systems -Local and metropolitan area networks - Specific requirements – Part 3: Standard for Ethernet - Amendment 1: Physical layer specifications and management parameters for 100 Mb/s operation over a single balanced twisted pair cable (100BASE-T1), \$209.00

TSP Meeting Schedule

The January 2018 meetings are in conjunction with the NAMM Show at the Anaheim Convention Center.

At the Anaheim Hilton

Control Protocols Working Group	19:00 – 23:00	Friday 26 January 2018
Electrical Power Working Group	19:00 – 22:00	Sunday 28 January 2018
Event Safety Working Group	14:00 – 18:00	Saturday 27 January 2018
Event Safety Fire Safety Task Group	14:00 – 18:00	Friday 26 January 2018
Floors Working Group	11:00 – 13:00	Saturday 27 January 2018
Rigging Working Group	19:00 – 23:00	Saturday 27 January 2018
Rigging E1.47 Inspections Task Group	14:00 – 18:00	Saturday 27 January 2018
Stage Lifts Working Group	09:00 – noon	Sunday 28 January 2018

At the Disney Paradise Pier Hotel

Technical Standards Council	09:00 – 13:00	Monday 29 January 2018
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The most up-to-date schedule always can be found at <http://tsp.esta.org/tsp/meetings/index.php>.

ESTA Standards Watch

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Editors:

Karl G. Ruling, Technical Standards Manager
Entertainment Services and Technology Association
630 Ninth Avenue, Suite 609
New York, NY 10036
USA
karl.ruling@esta.org
1 212 244 1505 ext. 703
Fax 1 212 244 1502

Erin Grabe, Asst. Technical Standards Manager
Entertainment Services and Technology Association
630 Ninth Avenue, Suite 609
New York, NY 10036
USA
erin.grabe@esta.org
1 212 244 1505 ext. 606
Fax 1 212 244 1502

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