



Technical Standards Program

ESTA Standards Watch

Late May 2021 Volume 25, Number 10

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Six ESTA standards in public review

Six standards are posted for public review on the ESTA website at https://tsp.esta.org/tsp/documents/public_review_docs.php. Comments are due before the end of the day noted for each. A day later . . . "Aw, you missed it." The sort order here is first by due-date and then by alphanumeric designation.

BSR E1.40, Recommendations for the Planning of Theatrical Dust Effects, gives guidance on planning theatrical dust effects to avoid injury from dust inhalation and from fire and deflagration. The working group proposes to reaffirm [the existing standard](#). Comment before the end of the day, June 21. The review is closed, over, finished, and done on June 22.

BSR ES1.6, Event Safety -- Communications, applies to communications in the live event industry, and describes requirements for both internal communication and public information for live events and related activities. It provides guidelines and good practices for effective communication within the production and operation of a live event. It describes communication messaging and technology for internal operations and external groups, such as the audience or general public, with guidelines for assessment with all involved entities. The goal is to determine logistics of and provide channels for general, operational, management, security, health and safety information to the affected parties in a timely manner. While this document will address communicating with law enforcement, medical support, or other AHJs, this standard specifically does not

address any communications within AHJs or military operations, as these systems are determined by those organizations and are beyond the scope of this document. Comment before the end of the day, June 21. If you wait until June 22, you've missed the deadline.

BSR ES1.4, Event Safety - Fire Safety Requirements, applies to fire safety in the live event industry, including concerts, festivals, sporting events, motorsports, community celebrations, theater and film production, corporate events, trade shows, and similar events, both indoors and outdoors. Fire safety is the identification and assessment of event specific fire risks, and the effects that fire and smoke will have to the life safety of all persons who may be affected. It includes those measures required to minimize the likelihood of a fire starting, means of egress, fire safety monitoring, and the methods used to limit the development, spread, and effects of fire. Comments are due no later than June 27.

BSR E1.20, Entertainment Technology--RDM--Remote Device Management Over DMX512 Networks, is being revised to clarify ambiguities, fix bugs, and incorporate some additional features. E1.20 is an extension to USITT DMX512 and ANSI E1.11 that allows for bi-directional communication on the primary data link. This allows a controller to discover RDM-enabled devices on the link, to set starting addresses and other configuration settings, and to request status messages. Comments are due before the end of the day June 28.

BSR E1.37-5, General Purpose Messages for ANSI E1.20, RDM, provides additional Get/Set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Comments are due before the end of the day on June 28. If you wait until June 29, you've missed it.

BSR E1.4-1, Entertainment Technology -- Manual Counterweight Rigging Systems, is a revision of ANSI E1.4-1 - 2016. It applies to permanently installed, manually operated counterweight systems of stage rigging hardware for the raising, lowering, and suspension of scenery, lighting, and similar loads. The revision includes changes made to enhance clarity, and to update the requirements for consistency with current recommended practices and technology. Comment by EOD July 25.

Available now: *Safe In Sound*, a reopening checklist for the live entertainment industry

The National Independent Venue Association (NIVA) and Event Safety Alliance (ESA), in partnership with the Association of Performing Arts Professionals, the Coalition of Performing Arts Centers, and the National Independent Talent Organization, have joined together to create and present *Safe In Sound*, a reopening checklist for the live entertainment industry. [It's available as a free download on the ESA website.](#)

The *Safe In Sound* toolkit was developed after consultation with the CDC and is based on the most up-to-date guidance and resources available. It serves as the framework for venues and promoters to reopen fully as safely as possible. The checklist addresses every major issue involved in producing a safe live event, both front of house and back of house.

COVID Compliance Officer training available

Arts & Science has developed four courses in COVID safety and COVID Compliance Officer Training and Certification. The courses include:

1. Theatre Production – CCO Certificate & COVID Safety Training
2. Front-of-House for Theatre & Events – CCO Certificate & COVID Safety Training
3. Live Event & TV Production – CCO Certificate & COVID Safety Training
4. Weddings & Celebrations – CCO Certificate & COVID Safety Training

The regular fee for each is \$45, but USITT has arranged a discount for its members, reducing the price to \$20 for the first one, registration for which is open now. Go to <https://www.usitt.org/cco> for registration at the discounted price through USITT. Go to <https://www.artsnscience.com/classes> to see the class descriptions and to register at full price.

Registration will open soon for the following COVID safety training and CCO certification classes:

- Front-of-House for Theatre & Events

- Live Event & TV Production
- Wedding & Celebration Planning

Go to <https://www.artnsnscience.com/old-register> to preregister for them.

Behind the Scenes offers mental health first aid training

The Behind the Scenes Mental Health and Suicide Prevention Initiative has posted new online mental health first aid training classes in June and July for entertainment industry workers in the U.S. at btshelp.org/mhfa. Mental Health First Aid is a training course that gives you the skills to reach out and provide initial help and support to someone who may be developing a mental health or substance use problem, or experiencing a crisis, and help connect them to the appropriate care. The course is delivered in two parts. The first is a 2-4 hour self-paced online course that must be completed prior to the second part which is a 6 hour virtual live instructor led session.

The registration fee is \$125. IATSE Members and those working under IATSE agreements may be eligible for Training Trust Fund reimbursement upon proof of successful completion of the course. A limited number of partial and full scholarships are available to individuals not eligible for reimbursement. Training for Canadians is available through the AFC at <https://afchelps.ca/mhfa>.

NIST offers inclusive language guidance

To help writers express ideas in language that is clear and welcoming to all readers, the National Institute of Standards and Technology has released new guidance on effective wording in technical standards. The document, [Guidance for NIST Staff on Using Inclusive Language in Documentary Standards \(NISTIR 8366\)](#), was created primarily for the benefit of NIST staff experts who participate in the development of documentary standards as expert collaborators and leaders. However, because NIST authors often work with industry standards development organizations, the technical agency has made the guidance available to the public.

The guidance is based on three sources: NIST Technical Series Publications Author Instructions; the American Psychological Association Style Guide; and the Chicago Manual of Style. The sources provide suggestions on inclusive language, including examples of words or expressions to avoid. As guidance, this provides standards participants with a tool to assist in how to apply these suggestions to their work. Information on inclusive language policies and guidance by various standards developing organizations is included.

Access the NIST guidance document at <https://nvlpubs.nist.gov/nistpubs/ir/2021/NIST.IR.8366.pdf>. See the [NIST's press release](#) for more information.

WTO Technical Barrier to Trade notifications

Notify US, the U.S. Department of Commerce's service to announce Technical Barrier to Trade filings, has announced TBTs that may be of interest to *Standards Watch* readers. If you have a problem with any TBT, you can protest through your representative to the World Trade Organization.

Brazil Notification BRA/1183

Date issued: 19 May 2021

Agency responsible: National Telecommunications Agency – ANATEL

National inquiry point: TBT/WTO Enquiry Point (INMETRO)

Products covered: ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES (HS 85)

Title: Public Consultation No. 25, 14 May 2021 (1 page in Portuguese)

Description of content: Update of the Operational Procedure for ANATEL Identification Label in Telecommunications Products to extend the entry into force of the obligations listed in item 5.2.1 and include the exception of products that are regulated by the National Health Surveillance Agency (ANVISA).

Objective and rationale: The main objective of a conformity assessment process is to attest whether an equipment, person, process or service complies with any standard or requirement that establishes parameters to be assessed. At the end of this process, a certificate is normally issued attesting to the

conformity of the object submitted to the procedure. When the subject of this evaluation is a physical product, in addition to the certificate it is common that a physical or electronic marking is required in it, it is common that this physical marking is made by a seal containing the logo of the entity responsible for the conformity assessment program. In the case of ANATEL, the type-approval seal is the marking that indicates that the product has been submitted to the Agency's conformity assessment process and has met the criteria set out in its technical requirements and operational procedures. The seal also plays a key role for consumers to identify that that product is safe and covered by the guarantees of operation in accordance with the regulations issued by ANATEL. Another important role of the type-approval seal concerns the activities of surveillance and combating piracy. ANATEL has an action plan to combat piracy (PACP) whose objective is to combat the commercialization and distribution of products not approved by ANATEL. The activities are developed in commerce, distributors and customs, where the first indication of the lack of homologation is the non-application of the ANATEL seal. The format and rules for its display are set out in the Operational Procedure for Marking the Identification of Anatel Homologation in Telecommunications Products, approved by Act No. 4088 of July 31, 2020. During the period granted for the adequacy of the market to the rules of the Regulation, the industry has expressed the need for the extension of the deadline set, which ends on 31 July 2021. Due to the manifestation of the industries on the need to adapt to the regulation, it is proposed to extend the period determined in Art. 2 of Act No. 4088/2020 from 360 (three hundred and sixty) days to 730 (seven hundred and thirty) days, which will be on the date of 31 July 2022.; Quality requirements

Relevant documents: 01) Brazilian Official Gazette 91, on 17 May 2021, section 1, page 21 02) SEI process number 53500.017074/2021-43 03) Informe 31 on SEI process number 53500.017074/2021-43

<https://www.in.gov.br/web/dou/-/consulta-publica-n-25-de-14-de-maio-de-2021-320070138>

[https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?exlSiWoPbTSMJNP15y_TiUpWlfXjgqaCc-xbh3c0V5ftS0uQqIkRDNDdsrlbDPN0z9DjOh_HT6NYS_BYkN5mINyUXQzB2GREIZrPmSEIHFIhwTW_BMXFd3n1YxtSry_U)

[exlSiWoPbTSMJNP15y_TiUpWlfXjgqaCc-](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO4VXrvs0hAZOHDSnFT1bXmCs_TyxnkYWWF_AJxfHmNWOjan9ABUZfB3SmSK08YBPJPuOUv9XfgHMuJeVASUaz_Y)

[xbh3c0V5ftS0uQqIkRDNDdsrlbDPN0z9DjOh_HT6NYS_BYkN5mINyUXQzB2GREIZrPmSEIHFIhwTW_BMXFd3n1YxtSry_U](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO4VXrvs0hAZOHDSnFT1bXmCs_TyxnkYWWF_AJxfHmNWOjan9ABUZfB3SmSK08YBPJPuOUv9XfgHMuJeVASUaz_Y)

[https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO4VXrvs0hAZOHDSnFT1bXmCs_TyxnkYWWF_AJxfHmNWOjan9ABUZfB3SmSK08YBPJPuOUv9XfgHMuJeVASUaz_Y)

[wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO4VXrvs0hAZOHDSnFT1bXmCs_TyxnkYWWF_AJxfHmNWOjan9ABUZfB3SmSK08YBPJPuOUv9XfgHMuJeVASUaz_Y](https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO4VXrvs0hAZOHDSnFT1bXmCs_TyxnkYWWF_AJxfHmNWOjan9ABUZfB3SmSK08YBPJPuOUv9XfgHMuJeVASUaz_Y)

Proposed date of adoption: Not given by country

Proposed date of entry into force: 31 July 2021

Final date for comments: 25 June 2021

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/BRA/full_text/pdf/BRA1183\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/BRA/full_text/pdf/BRA1183(english).pdf)

United States of America Notification USA/1731

Date issued: 21 May 2021

Agency responsible: Occupational Safety and Health Administration (OSHA)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Walking-working surfaces

Title: Walking-Working Surfaces (7 pages in English)

Description of content: Notice of proposed rulemaking - OSHA is proposing changes to the Walking-Working Surfaces standards to clarify which handrail and stair rail system requirements apply to new stair rail systems.

Objective and rationale: Protection of human health or safety

Relevant documents: 86 Federal Register (FR) 27332, 20 May 2021; Title 29 Code of Federal Regulations (CFR) Part 1910: <https://www.govinfo.gov/content/pkg/FR-2021-05-20/pdf/2021-10561.pdf>

This notice of proposed rulemaking is identified by Docket Number OSHA-2020-0009. The Docket Folder is available on Regulations.gov at <https://www.regulations.gov/docket/OSHA-2020-0009/document> and provides access to primary documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Actions notified in G/TBT/N/USA/550 and subsequent addenda on Walking-Working Surfaces; Personal Protective Equipment (Fall Protection Systems) which may be of interest, are identified by Docket Number OSHA-2007-0072. The Docket Folder is available on Regulations.gov at

<https://www.regulations.gov/docket/OSHA-2007-0072/document> and provides access to primary and supporting documents as well as comments received.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 19 July 2021

Full text: <https://www.govinfo.gov/content/pkg/FR-2021-05-20/pdf/2021-10561.pdf>

Switzerland Notification CHE/256

Date issued: 19 May 2021

Agency responsible: Federal Office for Communications

National inquiry point: Swiss Association for Standardization (SNV)

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

Title: Draft revision of the Ordinance of the Swiss Federal Office of Communications on telecommunications installations (OOIT) (2 pages in German; 2 pages in French)

Description of content: The OOIT has to be updated to follow the latest frequency management in Europe. Following RIR have been changed:

- A new RIR (RIR1010-11) for Wireless Access Systems (WAS) including Radio Local Area Networks (RLAN) in the frequency range (5945 - 6425 MHz) will be created in order to be in line with the ECC Decision (20)01.

- A new RIR (RIR1012-11) for automotive radars in the frequency range (24.05 ? 24.25 GHz) will be created in order to be in line with the ERC/REC 70-03 Annex 5.

- A RIR (RIR0302-45) will be amended due to changes in the EN 302 217-2 regarding the transmitter power spectral density.

For legal and formal reasons, the version (number) of each RIR was increased by 1 (without further changes in content).

Objective and rationale: The OOIT has to be updated to follow the latest frequency management in Europe; Other

Relevant documents: - Ordinance of 26 May 2016 of the Swiss Federal Office of Communications on telecommunications installations (OOIT; RS 784.101.21), available in French, German and Italian.

- RIR1010-11 , RIR1012-11 , RIR0302-45

- Link to all DRAFT RIR: <https://www.ofcomnet.ch/#/rirs/drafts>

Proposed date of adoption: 8 September 2021

Proposed date of entry into force: 9 January 2021

Final date for comments: 20 August 2021

Full text in German and French: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE256\(german\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE256(german).pdf), [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE256\(french\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE256(french).pdf)

ANSI public review announcements

The following documents have been announced for public review by ANSI and may be of material interest to *Standards Watch* readers. If you have comments on them, please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 28 June 2021

BSR Z136.1-202x, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)

This standard provides recommendations for the safe use of lasers and laser systems that operate at wavelengths between 180 nm and 1 mm. This revision will be a new horizontal standard that supports ANSI Z136.2, Z136.3, Z136.5, Z136.6, Z136.7, Z136.8, Z136.9, and proposed Z136.10 standards, as well as ANSI Z136.4

Single copy price: \$30.00

Obtain an electronic copy from: <https://www.lia.org/store/product/bsrz1361-202x-draft-2-public-review>

Send comments to: Liliana Caldero, lcaldero@lia.org

BSR/UL 2021-2021 (R202x), Standard for Safety for Professional Video and Audio Equipment

(reaffirmation of ANSI/UL 2021-2021)

(1) Reaffirmation and continuance of the fourth edition of the Standard for Safety for Professional Video and Audio Equipment, UL 1419, as an American National Standard.

Single copy price: Free!

Access and offer comments at: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Due 5 July 2021

BSR/ASHRAE/IES Addendum ad to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

This addendum outlines a proposed new structure for Section 9, Lighting. Under the new structure, all Chapter 9 prescriptive requirements would be contained in the same section (9.5). This provides better alignment with how other sections are arranged within the standard and keeps Section 9.6 in reserve should a new alternative compliance path be developed in the future.

Single copy price: \$35.00

Obtain an electronic copy from: standards.section@ashrae.org

Offer comments at: <https://www.ashrae.org/technical-resources/standards-andguidelines/public-review-drafts>

BSR/GBI 02-202x, Green Globes Assessment Protocol for Existing Buildings (new standard)

The draft standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial existing buildings.

Single copy price: \$25.00

Order from and send comments to: Emily Marx, marx@thegbi.org

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, (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/ACI CODE-355.2-202x, Post-Installed Mechanical Anchors in Concrete - Qualification Requirements and Commentary (new standard)

ACI 355.2 prescribes testing programs and evaluation requirements for post-installed mechanical anchors intended for use in concrete under the design provisions of ACI 318. Criteria are prescribed for determining whether anchors are acceptable for use in uncracked concrete only, or in cracked as well as uncracked concrete. Performance categories for anchors are established, as are the criteria for assigning anchors to each category. The anchor performance categories are used by ACI 318 to assign capacity reduction factors and other design parameters.

Contact: Shannon Banchemo, shannon.banchemo@concrete.org

BSR/ASSE Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of ANSI/ASSE Z359.2-2017)

This standard establishes criteria and requirements for an employer's fall protection program including policies, duties and responsibilities, training, survey and identification of fall hazards, fall protection procedures, eliminating or controlling fall hazards, rescue procedures, program implementation, incident investigation, and evaluating program effectiveness.

Contact: Lauren Bauerschmidt, LBauerschmidt@assp.org

BSR/ASSP Z359.3-202x, Safety Requirements for Lanyards and Positioning Lanyards (revision of ANSI/ASSP Z359.3-2019)

This standard establishes requirements for the design, performance, qualification testing, test methods, marking, instruction, training, maintenance, and removal from service of lanyards and positioning lanyards for users within the capacity range of 130 to 310 pounds (59 to 140 kg).

Contact: Lauren Bauerschmidt, LBauerschmidt@assp.org

BSR/AWS C1.5-202x, Specification for the Qualification of Resistance Welding Technicians (revision of ANSI/AWS C1.5-2019)

This specification is intended to supplement the minimum requirements of employers, codes, other standards or documents, and shall not be construed as a preemption of the employer's responsibility for the work or for the performance of the work.

Contact: Mario Diaz, mdiaz@aws.org

BSR/AWS C1.1M/C1.1-202x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1-2019)

This recommended practice is a collection of data and procedures that are intended to assist the user in setting up resistance welding equipment to produce resistance-welded production parts. While the recommendations included are not expected to be the final procedures for every production part or every welding machine, they serve as starting points from which a user can establish acceptable welding-machine settings for specific production welding applications. In some cases, recommended machine data is not available. In these instances, some description of the process is given to assist the reader in determining if the process might be suitable for the application.

Contact: Mario Diaz, mdiaz@aws.org

BSR E1.59-202x, Entertainment Technology - Object Transform Protocol (OTP) (revision of ANSI E1.59-2021)

ANSI E1.59 describes a mechanism to transfer object transform information such as position, orientation, and velocity over an IP network using a subset of the [ACN] protocol suite. It covers data format, data protocol, data addressing, and network management. Data transmitted is intended to coordinate visual and audio elements of a production and should not be used for safety-critical applications. The existing standard is being revised to include new modules for video camera attributes.

Contact: Karl Ruling, standards@esta.org

INCITS/ISO/IEC 19944-1:2020 [202x], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)

Document extends the existing cloud computing vocabulary and reference architecture in ISO/IEC 17788 and ISO/IEC 17789 to describe an ecosystem involving devices using cloud services, describes the various types of data flowing within the devices and cloud computing ecosystem, describes the impact of connected devices on the data that flow within the cloud computing ecosystem, describes flows of data between cloud services, cloud service customers, and cloud service users; provides foundational concepts, including a data taxonomy; and identifies the categories of data that flow across the cloud service customer devices and cloud services.

Contact: Lynn Barra, comments@standards.incits.org

INCITS/ISO/IEC 22123-1:2021 [202x], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)

Provides terms and definitions for vocabulary used in the field of cloud computing.

Contact: Lynn Barra, comments@standards.incits.org

BSR/C137.1-202X, Zero to Ten Volt (0-10V) Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2019)

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. Applicable devices include, but are not limited to, dimmable drivers and ballasts that may be internal or external to luminaires, dimming controls, and daylighting controls. This standard does not specify control by pulsewidth modulation (PWM).

Contact: Michael Erbesfeld, Michael.Erbesfeld@nema.org

BSR/PSAI Z4.3-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems at Places of Employment: Minimum Requirements (revision of ANSI/PSAI Z4.3-2016)

This standard will cover requirements for non-sewered sanitation supplied to workers on construction sites, agricultural establishments, and anywhere else they may not have immediate access to toilets or hand washing facilities connected to a sanitary sewer, septic tank, or on-site sewage-disposal treatment facility. The standard will address minimum equipment needs, placement and safety requirements, sanitation and cleaning schedules, and disposal of waste.

Contact: Karleen Kos, karleenk@psai.org

BSR/PSAI Z4.4-202x, Standard for Sanitation - Nonsewered Waste Disposal Systems: All Non-Work Sites: Minimum Requirements (revision of ANSI/PSAI Z4.4-2016)

This standard will cover requirements for non-sewered sanitation supplied to the general public (excluding workers) anywhere they may not have immediate access to toilets or hand-washing facilities connected to a sanitary sewer, septic tank, or on-site sewage-disposal treatment facility. The standard will address minimum equipment needs, placement and safety requirements, sanitation and cleaning schedules, and disposal of waste.

Contact: Karleen Kos, karleenk@psai.org

BSR/NFPA 2400-202x, Standard for Small Unmanned Aircraft Systems (sUAS) Used for Public Safety Operations (revision of ANSI/NFPA 2400-2019)

This standard shall cover the minimum requirements relating to the operation, deployment, and implementation of small unmanned aircraft systems (sUAS) for public safety operations.

Contact: Dawn Michele Bellis, dbellis@nfpa.org

BSR/NFPA 3000-202x, Standard for an Active Shooter/Hostile Event Response (ASHER) Program (revision of ANSI/NFPA 3000-2021)

The scope of this standard is limited to the necessary functions and actions related to preparedness, response, and recovery from an active shooter/hostile event response (ASHER).

Contact: Dawn Michele Bellis, dbellis@nfpa.org

Final actions on American National Standards

The documents listed below may be of interest to *Standards Watch* readers and have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator on the date noted.

ANSI C78.374-2015 (R2021), Electric Lamps: Light Emitting Diode Specification Sheet for General Illumination Applications (reaffirmation of ANSI C78.374-2015) Final Action Date: 6 May 2021

ANSI C78.376-2014 (R2021), Electric Lamps: Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2014) Final Action Date: 6 May 2021

ANSI C82.15-2021, LED Drivers Robustness (new standard) Final Action Date: 4 May 2021

ANSI E1.2-2021, Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (revision of ANSI E1.2-2012) Final Action Date: 6 May 2021

ANSI E1.28-2011 (R2021), Guidance on planning followspot positions in places of public assembly (reaffirmation of ANSI E1.28-2011 (R2016)) Final Action Date: 5 May 2021

ANSI E1.39-2021, Entertainment Technology - Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (revision of ANSI E1.39-2015) Final Action Date: 6 May 2021

ANSI E1.4-2-2021, Entertainment Technology - Statically Suspended Rigging Systems (new standard) Final Action Date: 6 May 2021

ANSI E1.57-2016 (R2021), Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms (reaffirmation of ANSI E1.57-2016) Final Action Date: 5 May 2021

ANSI E1.67-2021, Design, Inspection, Maintenance, Selection, and Use of Hand-Operated Chain- and Lever Hoists for the Entertainment Industry (new standard) Final Action Date: 6 May 2021

ANSI/ASHRAE/ICC/IES/USGBC Addendum c to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020) Final Action Date: 30 April 2021

ANSI/NFPA 900-2022, Building Energy Code (revision of ANSI/NFPA 900-2019) Final Action Date: 4 May 2021

Draft IEC & ISO documents

This section lists proposed documents that the IEC or ISO or both, are considering for approval and that may be of interest to *Standards Watch* readers. Anyone interested in reviewing and commenting on a document should order a copy from their national representative and submit their comments through them. Comments from US citizens on IEC documents should be sent to Charles T. Zegers at czegers@ansi.org. Comments from US citizens on ISO documents should be sent to Karen Hughes at isot@ansi.org. Any prices, if shown, are for purchases through ANSI. The sort order is first by due date then by the project identifier alphanumeric. Many of the dates listed are far in the past, but these are the dates in the announcements.

ISO/DIS 17636-2, Non-destructive testing of welds – Radiographic testing - Part 2: X- and gamma-ray techniques with digital detectors, 6 November 2004 [sic], \$134.00

ISO/DIS 17842-2, Safety of amusement rides and amusement devices - Part 2: Operation and use, 6 November 2004 [sic], \$93.00

ISO/DIS 17842-3, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use, 6 November 2006 [sic], \$40.00

ISO/DIS 31073, Risk management – Vocabulary, 6 November 2009 [sic], \$62.00

ISO/DIS 23326, Human Resource Management – Employee engagement – Guidelines, 11/7/2011 [sic], \$58.00

JTC1-SC41/227/DTR, ISO/IEC TR 30174 ED1: Internet of Things (IoT) - Socialized IoT system resembling human social interaction dynamics, 2 July 2021

ISO/DIS 13849-1.2, Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design, 4 July 2021, \$175.00

ISO/DIS 23312, Space systems - Detailed space debris mitigation requirements for spacecraft, 23 July 2021, \$77.00

ISO/DIS 23478, Bamboo structures - Engineered bamboo products - Test methods for determination of physical and mechanical properties, 25 July 2021, \$93.00

65B/1199/CDV, IEC 61131-9 ED2: Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI), 30 July 2021

125/40/NP, PNW 125-40 ED1: Personal e-Transporters - Part X: Test method for total run time of e-scooter with consideration to environmental conditions of actual use, 6 August 2021

Recently published IEC & ISO documents

Listed here are documents recently approved by the IEC or ISO and listed in ANSI's *Standards Action* that may be of use or interest to *Standards Watch* readers. Prices shown are for purchases from the [ANSI Webstore](#).

IEC 61784-3-2 Ed. 4.0 b:2021, Industrial communication networks - Profiles - Part 3-2: Functional safety fieldbuses – Additional specifications for CPF 2, \$443.00

IEC 61784-3-8 Ed. 3.0 b:2021, Industrial communication networks - Profiles - Part 3-8: Functional safety fieldbuses – Additional specifications for CPF 8, \$417.00

IEC 61784-3-13 Ed. 3.0 b:2021, Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses – Additional specifications for CPF 13, \$443.00

ISO 30415:2021, Human resource management - Diversity and inclusion, \$200.00

ISO/IEC TR 24030:2021, Information technology – Artificial intelligence (AI) - Use cases, \$250.00

ISO/IEC/IEEE 24774:2021, Systems and software engineering – Life cycle management - Specification for process description, \$175.00

TSP meeting schedule

The meeting schedule is posted at <https://www.esta.org/ESTA/meetings.php>. All the meetings will be by WebEx.

Control Protocols Working Group	11:00 – 13:00 EDT	Tuesday 27 July 2021
Electrical Power Working Group	15:00 – 17:00 EDT	Friday 23 July 2021
Event Safety Working Group	11:00 – 13:00 EDT	Friday 30 July 2021
Fog & Smoke Working Group	11:00 – 13:00 EDT	Friday 23 July 2021
Photometrics Working Group	15:00 – 17:00 EDT	Tuesday 27 July 2021
Rigging Working Group	11:00 – 13:00 EDT	Monday 26 July 2021
Stage Machinery Working Group	11:00 – 13:00 EDT	Friday 30 July 2021
Technical Standards Council	11:00 – 13:00 EDT	Monday 2 August 2021

EDT = UTC -4:00

ESTA Standards Watch

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