



Technical Standards Program

ESTA Standards Watch

Late March 2021

Volume 25, Number 6

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Seven ESTA standards in public review

Seven standards are posted for public review on the ESTA website at

https://tsp.estaprogram.org/tsp/documents/public_review_docs.php. Comments for two are due before the end of the day on 5 April 2021. Comments for the other five are due before the end of the day on 19 April 2021. In due-date and then alphanumeric order, the standards are:

BSR E1.28-2011(R202x), Guidance on planning followspot positions in places of public assembly, offers guidance on the planning of permanent followspot positions, including recommendations on the locations of the followspot positions within the venue, the power likely to be needed, the waste heat generated, the amount of space likely to be needed, and the fall protection and egress issues to be considered for the followspot operator's safety. The [existing American National Standard](#) is being considered for reaffirmation. Comments are due before April 6. When April 6 starts, the review period is over.

BSR E1.57- 2016(R202x), Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms, establishes minimum levels and measures needed to reduce the risk

for performers and technicians in various positions on movable parade floats, movable stages, and similar moving platforms. The document provides guidance on mitigation methods. The [existing American National Standard](#) is being considered for reaffirmation. Comments are due before April 6, by the end of the day 5 April.

BSR E1.3, Entertainment Technology - Lighting Control Systems - 0 to 10V Analog Control Specification, describes a method of controlling devices and equipment by means of an analog control voltage in the nominal range from zero to 10 volts positive. It is primarily intended for theatrical lighting controllers and controlled devices (e.g., dimmers), but any device could use this control method. E1.3 controllers are current-source devices. The working group proposes to reaffirm [the existing standard](#), which was previously reaffirmed in 2016. Comments are due before April 20. When April 20 starts, the review period is over.

BSR E1.19, Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry, is a revised draft standard. It is intended to offer guidance, in accordance with existing applicable standards, on how to select, install, use and maintain Class A ground fault protection devices with nominal 5 mA trip settings in the entertainment industry. Visit the public review page to download the draft. Comments are due by the end of the day 19 April.

BSR E1.27-1 - 2006 (R201x) Entertainment Technology - Standard for Portable Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products, describes the types of portable cable for the transmission of digital data among products which comply with ANSI E1.11, Entertainment Technology - USITT DMX512-A. It covers recommended cable types, connectors, and their internal wiring. The working group proposes to reaffirm [the existing standard](#), which was previously reaffirmed in 2016. Comments are due before the end of the day 19 April. When April 20 starts, the review period is over.

BSR E1.30-1 - 2010 (R201x), EPI 23. Device Identification Subdevice, is part of the E1.30, Application level equipment interoperability for control of commonly encountered entertainment technology devices using ANSI E1.17, project. It specifies a templated device for device identification as typically used for remote hardware and software devices. The working group is proposing to reaffirm [the 2016 version](#). Comments are due before the end of the day 19 April. When April 20 starts, the review period is over. Aw, you missed it.

BSR E1.30-4-2010 (R201x), EPI 26. Device Description Language (DDL) Extensions for DMX512 and E1.31 Devices, is another part of the E1.30, Application level equipment interoperability for control of commonly encountered entertainment technology devices using ANSI E1.17, project. This part defines protocol-specific extensions to ANSI E1.17's Device Description Language for describing DMX512-type devices. The working group is proposing to reaffirm [the 2015 version](#). Comments are due before the end of the day 19 April.

Two new ESTA standards published

Two ESTA documents have been approved as American National Standards by ANSI's Board of Standards Review. They are now posted for free download on the ESTA website at <http://tsp.estaa.org/freestandards>, or you can buy them for \$40 from [ANSI](#) or [IHS](#).

ANSI ES1.7 - 2021, Event Safety - Weather Preparedness, covers the consideration, development, and use of event planning strategies that mitigate weather-related risks associated with live events, and with their associated temporary special event structures. Its scope includes both indoor and outdoor events, because each have considerations for the event participants. Its scope includes only public-access events, and private events where jurisdictional permits are required. This document is one part of a larger collection of standards relating to special event safety.

ANSI E1.15 - 2006 (R2021), Entertainment Technology - Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies, is a reaffirmation of the 2006 standard. It gives advice on boom and base assemblies, simple ground-support devices for lighting equipment and accessories. If the assembly is tall, not plumb, loaded unevenly, or likely to get run into by stage wagons or performers, there is substantial risk. This document offers advice to lower or eliminate that risk.

Apply to serve on the 2024 IECC Development Committees

The ICC has opened committee membership to develop the 2024 International Energy Conservation Code. Applications are being accepted from people to participate on the Residential Energy Code Consensus Committee and the Commercial Energy Code Consensus Committee. Individuals dedicated to advancing safety and sustainability in communities, and representing a diversity of experience in building types and energy efficiency strategies, are encouraged to apply by 23 April 2021.

More information is available at <https://www.iccsafe.org/building-safety-journal/bsj-technical/code-council-opens-applications-for-its-iecc-development-committees/>

Behind the Scenes offers mental health toolbox

The Behind the Scenes Mental Health and Suicide Prevention Initiative is offering three programs to help people help themselves and others mentally and emotionally.

1. Mental Health First Aid Training - Learn more at btshelp.org/mhfa

Mental Health First Aid training is now available to entertainment industry workers in the U.S. at a variety of days and times on an ongoing basis. (Training for Canadians is available through the AFC at <https://afchelps.ca/mhfa>.) This training takes the fear and hesitation out of starting conversations about mental health and substance use problems by teaching you how to recognize the signs and symptoms that suggest a potential mental health challenge, how to listen non-judgmentally and give reassurance to someone who may be experiencing a mental health challenge, and how to refer a person to appropriate professional support and services.

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 5 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.

2. Stop Bullying Campaign – Learn more at btshelp.org/stopbullying

Bullying, harassment and intimidation occur in the workplace on a regular basis. BTS has launched a campaign to help workers and employers understand the signs and consequences of this behavior. The resources provided include a set of posters to raise awareness of words, actions, and behaviors that constitute bullying; information for targets of bullying, for bystander intervention, and to empower individuals to Be Informed, Be Aware, Show Support, and Take Action.

3. Toolbox Talks – Learn more at btshelp.org/toolboxtalks

Language about mental health and respectful workplaces needs to become a part of every toolbox talk or safety briefing; psychological safety is as important as physical safety. To make it easier for people delivering mental health and respectful workplace toolbox talks, BTS is suggesting topics and providing sample language that can be used as is or tailored to fit individual needs. There also are pre-scripted talks available.

WTO Technical Barrier to Trade notification

Notify US, the U.S. Department of Commerce's service to announce Technical Barrier to Trade filings, has announced a TBT 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. See the guidance documents at <http://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> or <http://ec.europa.eu/growth/tools-databases/tbt/en/tbt-and-you/being-heard/> for advice on filing objections.

Brazil Notification BRA/1153

Date issued: 24 March 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 11, 10 March 2021 (15 page(s), in Portuguese)

Description of content: Public Consultation for approval of the Operational Procedure for Declaration of Conformity with Test Report to Assessment of Telecommunications Products by Certification, aiming to comply with the provisions of the Regulations for Conformity Assessment and Homologation of Telecommunications Products, approved by Resolution No. 715, 23 October 2019, in articles 28 - § 3º, 29 - II, 33 to 35.

Objective and rationale: The Operational Procedures cover the conduct of the conformity assessment process, addressing, among others, the performance of agents in the process, and the procedures related to each model of conformity assessment, as well as rules, conditions, procedural requirements to be followed in the Conformity Assessment process, in compliance, in compliance regulations established in the Regulation of Conformity Assessment and Homologation of Products for Telecommunications. The conformity assessment of telecommunications products may be made by declaration of conformity pursuant to Article 29, I and II of the Brazilian Regulation for conformity assessment and homologation of telecommunications products. The need to establish the form of the proposition of declarations of conformity for the type-approval of telecommunication products. The rapid development and sector transformation made the system of absorption of new technologies time consuming, since the approval process of the conformity assessment resolutions was too long to meet the demand of an industry in constant evolution.; Not specified

Relevant documents: 01) Brazilian Official Gazette 55, on 23 March 2021, section 1, page 29 02) SEI process number 53500.010325/2020-880

<https://www.in.gov.br/en/web/dou/-/consulta-publica-n-11-de-10-de-marco-de-2021-309987950>

https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_processo_exibir.php?

exlsiWoPbTSMJNP15y_TiUpWfXjgqaCc-

xbh3o0V5ttS0uQqlkRDNDdsrlbDPN0z9DjOh-HT6NYS_BYkN5mlS5_XCCx2PlcQEctJa75gly13Y3rckiXdBy_Aa3m2I

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 6 May 2021

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/BRA/full_text/pdf/BRA1153\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/BRA/full_text/pdf/BRA1153(english).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 26 April 2021

BSR/ASTM E84-202x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2020)

https://www.astm.org/ANSI_SA

Single copy price: Free

Order from and send comments to: Laura Klineburger, accreditation@astm.org

BSR/ASTM E176-202x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free

Order from and send comments to: Laura Klineburger, accreditation@astm.org

BSR/CTA 709.10-202x, Web Services for Control Networking Protocol Specification (new standard)

This standard will provide a comprehensive communication platform for networked control using web services and supports the IoT model of interoperability with advanced data collection, simplified management, and potential AI application support.

Single copy price: Free

Order from and send comments to: Veronica Lancaster, vlancaster@cta.tech

Due 10 May 2021

BSR/ASME B30.7-202x, Winches (revision of ANSI/ASME B30.7-2016)

The B30.7 Volume includes provisions that apply to the construction, installation, operation, inspection, testing, and maintenance of winches arranged for mounting on a foundation or other supporting structure for moving loads. Winches addressed in this volume are those typically used in industrial, construction, and maritime applications. The requirements included in this volume apply to winches that are powered by internal combustion engines, electric motors, compressed air, or hydraulics, and that utilize drums and rope.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to: Kathleen Peterson, petersonk@asme.org

BSR/GBI 01-202X, Green Globes Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2019)

The standard includes criteria and practices for resource-efficient, healthy, resilient, and environmentally preferable construction of commercial buildings. Six areas of green building design will be included: environmental/project management, site, energy, water efficiency, materials, and indoor environment.

Single copy price: \$25.00 USD (Paper); Free (Online)

Obtain an electronic copy from: <https://thegbi.org/ansi>

Send comments to: Emily Marx, marx@thegbi.org

BSR ISEA Z87.62-202x, Occupational and Educational Eye and Face Protection Devices for Preventing Exposures Caused by Sprays or Spurts of Blood or Body Fluids (new standard)

This standard sets forth criteria related to the general requirements, testing, permanent marking, selection, care, and use of protectors to minimize or prevent exposure to the wearer's eyes and/or face caused by biological hazards including, but not limited to, blood, body fluids, or other potentially infectious materials (OPIMs) or microorganisms, viruses, or toxins from a biological source that can affect human health. This standard is not intended to address hazards related to transmission of an infectious agent by particles, dust, or droplet nuclei that are suspended in the air, and which may require other additional forms of protection.

Single copy price: \$50.00

Obtain an electronic copy from: <https://safetyequipment.org/resources/shop/>

Send comments to: cfargo@safetyequipment.org

Due 11 May 2021

BSR/NFPA 55-202x, Compressed Gases and Cryogenic Fluids Code (revision of ANSI/NFPA 55-2020)

This code shall apply to the installation, storage, use, and handling of compressed gases and cryogenic fluids in portable and stationary cylinders, containers, equipment, and tanks in all occupancies. This code shall not apply to the following: (1) Off-site transportation of materials covered by this code. For regulations on the transportation of gases, see 49 CFR 100–185, "Transportation," and Transportation of Dangerous Goods Regulations; (2) Storage, use, and handling of radioactive gases in accordance with NFPA 801, Standard for Fire Protection for Facilities Handling Radioactive Materials; (3) Use and handling of medical compressed gases at health care facilities in accordance with NFPA 99, Health Care Facilities Code. Bulk compressed gas and cryogenic fluid system installations are intended to be covered by the requirements of this code. Instrumentation and alarms that are attendant to the system and designed to interface with the application in a health care facility are to be retained within the purview of NFPA 99, Health Care Facilities Code; (4) Systems consisting of cylinders of oxygen and cylinders of fuel gas used for welding and cutting in accordance with NFPA 51, Standard for the Design and Installation [sic]

Access and offer comments at: <https://www.nfpa.org/55Next>

BSI public review announcement

BSI Standards has announced a document for public review that might be of interest to *Standards Watch* readers. BSI documents may be commented on at <https://standardsdevelopment.bsigroup.com/>.

Due 19 April 2021

BS EN 62493 Amd 1, Assessment of lighting equipment related to human exposure to electromagnetic fields

This standard is designed to assess electromagnetic fields and their potential effect on the human body by reference to exposure levels of the general public given by ICNIRP 2020, ICNIRP 2010, IEEE C95.1:2005, and IEEE C956.6:2002.

CSA public review announcements

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

Due 10 April 2021

Z259.2.2 Self-retracting devices (amendment)

This standard specifies the requirements for all self-retracting devices (SRDs) used as connecting components in fall-protection systems. SRDs are further classified according to method of use. The equipment specified in this standard is intended for workers at risk of falls from height.

Due 1 May 2021

C22.2 NO. 60335-2-76 - Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (new edition)

This is a Canadian public review for adoption of IEC 60335-2-76:2018. This part of IEC 60335 deals with the safety of electric fence energizers, the rated voltage of which is not more than 250 V and by means of which fence wires in agricultural, domestic or feral animal control fences and security fences may be electrified or monitored. This standard does not in general take into account

- the use of appliances by young children or infirm persons without supervision;
 - the playing with appliances by young children.
-

DIN public review announcement

The Deutsches Institut für Normung has announced a draft document possibly of interest to *Standards Watch* readers, which is open for public review until 26 April 2021. The document is in German and English; the edition on-line on the DIN website is in German. After you register with DIN at <http://www.entwuerfe.din.de/>, you may comment on DIN draft standards.

DIN EN 17650, Ein Rahmenwerk für die digitale Erhaltung von kinematografischen Werken - Das Cinema Preservation Package; Deutsche und Englische Fassung prEN 17650:2021 (A framework for digital preservation of cinematographic works - The Cinema Preservation Package; German and English version prEN 17650:2021)

This document defines the Cinema Preservation Package (CPP) to facilitate the digital preservation of cinema films. It defines methods for describing the relationship between the components of the cinematographic work and provides syntax for describing the contents of the package. The standard defines the structure of the package and specifies the restrictions necessary to enable conformity and interoperability. Versions of the content that use different encoding formats can be kept in a layered structure, with the lowest level describing the physical file. The files can contain data representing moving images, sound, metadata or additional information such as quality control protocols (QC) or movie posters. The Cinema Preservation Package also includes hash values at various levels to ensure data integrity and version control. The syntax for this description and the methods for generating hash values are defined in the standard. Different types of content encoding are described for reference for specific implementations.

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/ASSP A10.42-202X, Safety Requirements for Rigging Qualifications & Responsibilities (revision and redesignation of ANSI/ASSE A10.42-2000 (R2017))

This standard establishes minimum criteria of knowledge and performance requirements for a qualified rigger in the construction industry. It is designed to assist in achieving reasonable safety of all persons and materials during the process of, or as the result of, rigging, lifting, or moving of loads.

Contact: Tim Fisher, TFisher@ASSP.org

BSR/IES RP-44-202x, Recommended Practice: Ultraviolet Germicidal Irradiation (UVGI) (new standard)

This document addresses the use of germicidal ultraviolet radiation for disinfection of room air and surfaces, potential dangers for humans, potential effects on materials and plants, UVGI technologies, and safety measures and precautions. It does not address photobiological safety with respect to emission or exposure limits; those topics are addressed in BSR/IES RP-27.4-x, Recommended Practice: Photobiological Safety of Germicidal Lamp Systems for Upper-Room Applications.

Contact: Patricia McGillicuddy, pmcgillicuddy@ies.org

BSR A208.2-202x, Medium Density Fiberboard (MDF) for Interior Applications (revision of ANSI A208.2-2016)

The purpose of this Standard is to establish a nationally recognized voluntary consensus standard for medium density fiberboard (MDF) for interior applications which can serve as a common basis for understanding among those manufacturing, specifying, or using MDF products.

Contact: Gary Heroux, gheroux@cpamail.org

BSR/UL 498B-202x, Standard for Safety for Receptacles with Integral Switching Means (new standard)

These requirements cover a receptacle with integral switching means rated 600 V or less, used in ordinary dry locations and intended for connection to a branch circuit in accordance with the National Electrical Code, NFPA 70. A receptacle with integral switching means covered by this standard shall meet the following requirements: (a) No voltage greater than 600 V above ground will be present in the device; (b) An isolation transformer, if provided, will generally furnish power at a lower potential than the primary voltage; (c) The output of the device will not be located in a circuit operating at greater than 600 V above ground; (d) The switching device shall be integral to the receptacle; (e) A receptacle that is marked with the symbol shown in Table sa8.1 Reference No. 2 and does not employ an integral switching means intended for energy management and building automation, are covered by the Standard for Attachment Plugs and Receptacles, UL 498. It also covers receptacles with integral switching means intended for energy management and building automation, in accordance with Article 406 of the National Electrical Code, NFPA 70. This standard may supplement other UL standards.

Contact: Megan Monsen, megan.monsen@ul.org

BSR Z359.9-202x, Personal Equipment for Protection against Falls Descent Controllers (new standard)

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

Contact: Lauren Bauerschmidt, L.Bauerschmidt@assp.org

BSR Z1299-202x, Ring Gaskets for Water Closet and Urinal Outlets (new standard)

This standard covers ring gaskets intended to seal the joints between water closets and urinals and sanitary drainage systems and specifies requirements for materials, physical characteristics, performance testing, and markings. Ring gaskets covered by this standard are made of petroleum wax or elastomers. [How long have we had toilets, but we've had no standard for the toilet to soil-pipe connection?]

Contact: Kyle Thompson, standards@iapmostandards.org

BSR/IEEE C37.20.1-202x, Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear (revision of ANSI/IEEE C37.20.1-2015)

This standard covers metal-enclosed low-voltage power circuit breaker switchgear assemblies containing, but not limited to, such devices as low-voltage power circuit breakers (fused or unfused); other interrupting devices; switches, control, instrumentation, and metering, and protective and regulating equipment. This standard is concerned with enclosed, rather than open, indoor and outdoor switchgear assemblies. It includes types of equipment that are part of secondary unit substations. It does not apply to equipment covered by industrial control standards, communication switchboards, communication switching equipment, switchboards for use on board ships, or dead-front distribution switchboards. In this standard, metal-enclosed low-voltage power circuit breaker switchgear shall be called LV switchgear. For LV ac switchgear, the nominal system voltage shall be 1000 Vac or below; for LV dc switchgear, the rated maximum voltage shall be 3200 Vdc or below.

Contact: Lisa Weisser, l.weisser@ieee.org

BSR B77.1-202x, Passenger Ropeways - Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors Standard (revision of ANSI B77.1-2017)

This document establishes a standard for the design, manufacture, construction, maintenance, and operation of passenger ropeways. The document deals with passenger transportation systems that use cables, ropes, or flexible elements for power transmission in the system. These systems include aerial tramways, detachable and fixed grip aerial lifts, surface lifts, tows, and conveyors.

Contact: Michael Lane, mlane@nsaa.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 E1.15-2006 (R2021), Entertainment Technology--Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies (reaffirmation of ANSI E1.15-2006 (R2016)), 8 March 2021

ANSI ES1.7-2021, Event Safety Requirements - Weather Preparedness (new standard), 8 March 2021

ANSI/ASSP Z359.11-2021, Safety Requirements for Full Body Harnesses (revision and redesignation of ANSI/ASSE Z359.11-2014), 18 March 2021

ANSI/ASSP Z9.9-2021, Portable Ventilation Systems (new standard) 17 March 2021

ANSI/ASTM E84-2021, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2020), 1 March 2021

ANSI/NFPA 551-2022, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2019), 16 March 2021

ANSI/NSF 456-2021 (i1r1), Vaccine Storage (new standard), 8 March 2021

ANSI/UL 1691-2021, Standard for Safety for Single-Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2018), 18 March 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 czegeers@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.

77A/1095/DC, IEC 61000-3-2:2018 + A1:2020, Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) - Interpretation sheet 1, 16 April 2021

JTC1-SC41/216/FDIS, ISO/IEC 30165 ED1: Internet of Things (IoT) - Real-time IoT framework, 7 May 2021

ISO/DIS 3021, Adventure tourism - Hiking and trekking activities - Requirements and recommendations, 21 May 2021, \$98.00

34D/1596/CDV, IEC 60598-2-20 ED5: Luminaires - Part 2-20: Particular requirements - Lighting chains, 28 May 2021

34D/1609/CD, IEC 60598-1/FRAG7 ED10: Fragment 7 - Luminaires - Part 1: General requirements and tests, 28 May 2021

34D/1610/CD, IEC 60598-1/FRAG13 ED10: Fragment 13 – Luminaires - Part 1: General requirements and tests, 28 May 2021

34D/1611/CD, IEC 60598-1/FRAG14 ED10: Fragment 14 – Luminaires - Part 1: General requirements and tests, 28 May 2021

ISO/DIS 17842-2, Safety of amusement rides and amusement devices - Part 2: Operation and use, 29 May 2021, \$93.00

ISO/DIS 37182, Smart community infrastructures – Smart transportation for energy saving in bus transportation services, 30 May 2021, \$53.00

ISO/DIS 17842-3, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use, 31 May 2021, \$40.00

ISO/DIS 31073, Risk management – Vocabulary, 3 June 2021, \$62.00

JTC1-SC41/213/NP, PNW JTC1-SC41-213 ED1: Internet of Things (IoT) - General principles of evaluation indicator for IoT systems, 4 June 2021

JTC1-SC41/214/NP, PNW JTC1-SC41-214 ED1: Internet of Things (IoT) - Information exchange requirements of IoT-based storage safety monitoring system for major hazard installations of dangerous chemicals, 4 June 2021

JTC1-SC41/215/NP, PNW JTC1-SC41-215 ED1: Internet of Things (IoT) - Overview and general requirements of IoT system for ecological environment monitoring, 4 June 2021

ISO/DIS 23326, Human Resource Management – Employee engagement – Guidelines, 5 June 2021, \$58.00

ISO 7010/DAmd125, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 125: Safety sign E033: Door slides right to open, 7 November 2024, \$29.00

ISO 7010/DAmd126, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 126: Safety sign E034: Door slides left to open, 7 November 2024, \$29.00

Recently published IEC & ISO documents

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

IEC 60034-SER Ed. 1.0 b:2021, Rotating electrical machines – ALL PARTS, \$8936.00

IEC 60825-SER Ed. 1.0 b:2021, Safety of laser products - ALL PARTS, \$2842.00

IEC 62061 Ed. 2.0 b:2021, Safety of machinery - Functional safety of safety-related control systems, \$430.00

IEC 62680-1-2 Ed. 5.0 b:2021, Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, \$443.00

IEC/SRD 63235 Ed. 1.0 en:2021, Smart city system - Methodology for concepts building, \$133.00

ISO 10013:2021, Quality management systems - Guidance for documented information, \$111.00

ISO 10303-1:2021, Industrial automation systems and integration - Product data representation and exchange - Part 1: Overview and fundamental principles, \$149.00

ISO 16321-1:2021, Eye and face protection for occupational use - Part 1: General requirements, \$200.00

ISO 16321-2:2021, Eye and face protection for occupational use - Part 2: Additional requirements for protectors used during welding and related techniques, \$111.00

ISO 16321-3:2021, Eye and face protection for occupational use - Part 3: Additional requirements for mesh protectors, \$48.00

ISO 21500:2021, Project, programme and portfolio management - Context and concepts, \$73.00

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IWA 34:2021, Women's entrepreneurship - Key definitions and general criteria, \$111.00

TSP meeting schedule

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

Control Protocols Working Group	11:00 – 14:00 EDT	Wednesday 14 April 2021
Event Safety Working Group	11:00 – 13:00 EDT	Friday 16 April 2021
Floors Working Group	15:00 – 17:00 EDT	Tuesday 13 April 2021
Fog & Smoke Working Group	11:00 – 13:00 EDT	Monday 12 April 2021
Photometrics Working Group	15:00 – 17:00 EDT	Wednesday 14 April 2021
Rigging Working Group	11:00 – 13:00 EDT	Tuesday 13 April 2021
Stage Machinery Working Group	11:00 – 13:00 EDT	Thursday 15 April 2021
Technical Standards Council	11:00 – 13:00 EDT	Monday 19 April 2021

Then we do it all again in July!

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
Floors Working Group	15:00 – 17:00 EDT	Tuesday 13 April 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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