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A couple of draft TSP standards in public review

Two draft TSP standards are posted for public review on ESTA's TSP website. Check'em out at https://tsp.esta.org/tsp/documents/public_review_docs.php! Comments are due no later than the dates noted.

BSR E1.59, Entertainment Technology - Object Transform Protocol (OTP), describes a mechanism to transfer object transform information such as position, rotation and velocity over an IP network. It covers data format, data protocol, data addressing, and network management. It does not require real-world location or any association between multiple objects represented in the same message. Data transmitted is intended to coordinate visual and audio elements of a production and should not be used for safety critical applications. Comments are due no later than 12 October.

ANSI E1.37-2 - 2015, Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages, is being considered for reaffirmation as an American National Standard. It provides additional Get/Set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are for configuring network interfaces, routing information, and Domain Name System settings on devices with IPv4 addresses. Offer comments no later than 19 October.

The Events Industry Forum updates the updated COVID-19 guidance for England

About two weeks after announcing an updated EIF/DCMS guidance document for organizing events under COVID-19 regulations, the The Events Industry Forum has updated the document again. The COVID-19 situation in the UK is fluid, with areas being forced into further restrictions when the number of infections rises, so the recommendations must be revised to keep pace. The changes to [Keeping workers and audiences safe during COVID-19 \(England\)](#) are highlighted in the text.

In the September 24 announcement of this latest update, Jim Winship, the EIF secretary, and Steve Heap, the EIF chair, note the increasingly cautious position being taken by local authorities and the powers local Directors of Public Health have for closing down events, often at the last minute. [The Events Industry Forum](#) has been working with the UK's [Department of Digital, Culture, Media and Sport](#) to develop reasonable guidance for holding public events safely. However, the DCMS and other national governmental bodies have little power to control local authorities. Winship and Heap strongly recommend that anyone planning an event consult with their local Director of Public Health in addition to other officials at an early stage in order to reduce the risk of a last minute shut-down.

IAFE call to action on HR 7883

Marla Calico, IAFE President and CEO, has issued a call to action for the fair industry to push for grant funding relief through HR 7883, The Agricultural Fairs Rescue Act (<https://www.congress.gov/bill/116th-congress/house-bill/7883>). The bill was introduced on July 30 and immediately referred to the House Committee on Agriculture. There is not a lot of time left for it to pass in this Congress. The House is only scheduled to be in session for 14 days total for October, November, and December. To get any traction, [more co-sponsors are needed](#).

FCC pushes back push-notification deadline

The FCC has extend through 31 March 2021 a waiver of the push-notification requirements in sections 15.37(j) and 15.711(i) of the Commission's rules that was initially granted by Commission Order in these dockets. The waiver of the push notification requirement for fixed and Mode II personal/portable white space devices and white space databases was due to expire on 30 September 2020, but now is pushed back by six months.

To prevent interference to protected services, including licensed wireless microphones, certain white space devices are required to check a database at least once a day to obtain a list of available channels at their operating location. In the Part 15 Report and Order, the Federal Communications Commission retained this requirement and decided to also require that database administrators push information about changes in channel availability information to white space devices in the areas where licensed wireless microphones will be used. When a database administrator receives a request for access to channels for licensed wireless microphone use, the database administrators must share the licensed wireless microphone's channel registration information among themselves within ten minutes and push information about changes in channel availability for fixed and Mode II personal/portable white space devices within 20 minutes of receiving it, identifying for the white space devices other available channels that could be used instead.

Several parties filed petitions for reconsideration of the push notification requirements adopted by the Commission, arguing that there are a number of difficulties in implementing them. Given the complexity of the issues, the Commission determined that there was good cause to grant a waiver of the requirements in sections 15.37(j) and 15.711(i) and that the waiver would remain in effect for 180 days (i.e., until 31 March 2021) or until the Commission took a final action addressing the petitions for reconsideration of the push notification rules.

Got that? 分かりましたか? It's all at <https://docs.fcc.gov/public/attachments/DA-20-1115A1.pdf>.

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. The sort order is by comment due-date. 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.

Argentina Notification ARG/404

Date issued: 14 September 2020

Agency responsible: Secretariat of Domestic Trade

National inquiry point: TBT-WTO Focal Point of the Argentine Republic

Products covered: Low-voltage electrical products

Title: Sistemas de vigilancia del régimen de certificación obligatoria de los productos eléctricos de baja tensión. Etiquetado de eficiencia energética. Suspensión (Monitoring systems for the mandatory certification regime for low-voltage electrical products. Energy efficiency labelling. Suspension) (5 pages, in Spanish)

Description of content: The notified Resolution suspends the effects of former Secretariat of Industry, Trade and Mining Resolution No. 319/1999 and former Secretariat of Trade Resolution No. 169/2018 with respect to the time frames for monitoring systems and all monitoring records already issued for certificates, whose status is "regularized" and "in order", which have expired or are due to expire on or before 1 October 2020. The time frames shall be extended for the duration of the health emergency declared as a result of the Covid-19 epidemiological situation, in accordance with Decree No. 297/2020 and the amendments thereto.

To apply for the above-mentioned benefit, technical certification bodies shall submit an application to the Under-Secretariat for Domestic Market Policies through the "remote formalities" platform, as per the requirements laid down in the Annex to the notified Resolution (page 5).

Objective and rationale: Health emergency declared as a result of the Covid-19 epidemiological situation; Consumer information, labelling; Prevention of deceptive practices and consumer protection; Protection of human health or safety; Protection of animal or plant life or health; Other

Relevant documents:

- Former Secretariat of Industry, Trade and Mining Resolution No. 319/1999 and the amendments thereto (G/TBT/Notif.99/498 and the Addendums thereto; G/TBT/N/ARG/8; G/TBT/N/ARG/310; G/TBT/N/ARG/311 and G/TBT/N/ARG/311/Add.1) <http://servicios.infoleg.gob.ar/infolegInternet/anexos/55000-59999/57667/texact.htm>

- Former Secretariat of Trade Resolution No. 169/2018 and the amendments thereto (G/TBT/N/ARG/297/Add.11-14) <http://servicios.infoleg.gob.ar/infolegInternet/anexos/305000-309999/308277/texact.htm>

- Decree (NU) No. 297/2020 and the amendments thereto <http://servicios.infoleg.gob.ar/infolegInternet/anexos/335000-339999/335741/texact.htm>

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: Not given by country

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/ARG/full_text/pdf/ARG404\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/ARG/full_text/pdf/ARG404(spanish).pdf)

Chile Notification CHL/532

Date issued: 14 September 2020

Agency responsible: Electricity and Fuel Board (SEC)

National inquiry point: Ministry of Foreign Affairs, General Directorate of International Economic Affairs (DIRECON)

Products covered: External power supplies for computers, tablet chargers and cell phone chargers (switch mode units)

Title: PE N° 8/x:2020 Proyecto de Protocolo Base de Análisis y/o Ensayos de Productos Eléctricos (PE No. 8/x:2020: Draft basic analysis and/or test protocol for electrical products) (12 pages in Spanish)

Description of content: The notified protocol establishes the certification procedure for external power supplies for computers, tablet chargers, and cell phone chargers (switch mode units).

Objective and rationale: Protection of human health or safety

Relevant documents:

- IEC 62368-1:2018-10, Audio/video, information and communication technology equipment - Part 1: Safety requirements;

- Law No. 18.410:1985 of the Ministry of the Economy, Development and Reconstruction;

- Supreme Decree No. 298 of 2005 of the Ministry of the Economy, Development and Reconstruction.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 13 November 2020

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHL/full_text/pdf/CHL532\(spanish\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHL/full_text/pdf/CHL532(spanish).pdf)

Ukraine Notification UKR/170

Date issued: 21 September 2020

Agency responsible: Ministry for Development of Economy, Trade and Agriculture

National inquiry point: WTO National Enquiry Point & Information Processing Centre

Products covered: Electrical and electronic equipment

Title: The Draft of the Resolution of Cabinet of Ministers of Ukraine "On Amendments to Annexes 3 and 4 to the Technical regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment" (4 pages in Ukrainian)

Description of content: The Draft of the Resolution provides for the supplement of exceptions to the restrictions on the use of certain hazardous substances in electrical and electronic equipment and establishes specific time limits for the application of these restrictions (for lead in electrical and electronic motor control systems, as well as for soldering sensors, drives and motor control units, etc.)

Objective and rationale: The Draft of the Resolution has been developed in order to bring the provisions of the Technical Regulation in compliance with the norms of the EU Directive by making appropriate changes to the Annexes.; Protection of human health or safety; Protection of the environment

Relevant documents: G/TBT/N/UKR/106, G/TBT/N/UKR/106/Add.1, G/TBT/N/UKR/150, G/TBT/N/UKR/150/Add.1, G/TBT/N/UKR/156

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 20 November 2020

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR170\(ukrainian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/UKR/full_text/pdf/UKR170(ukrainian).pdf)

China Notification CHN/1463

Date issued: 22 September 2020

Agency responsible: State Administration for Market Regulation (SAMR)

National inquiry point: WTO/TBT National Notification and Enquiry Center of the People's Republic of China

Products covered: All kinds of hand-held, movable and fixed electric equipments for indoor and outdoor use with rated AC voltage less than 1000 V (1140 V) and rated DC voltage less than 1500 V. HS: 85 ICS: 29.020

Title: National Standard of the P.R.C., National Safety Technical Code for Electric Equipments (43 pages in Chinese)

Description of content: This standard specifies the basic safety requirements for all kinds of hand-held, movable and fixed electric equipments for indoor and outdoor use with rated AC voltage less than 1000 V (1140 V) and rated DC voltage less than 1500 V.

This standard applies to products or components and explosion-proof electrical equipment within the application scope of electric energy converted by chemical energy, light energy and wind energy.

This standard does not apply to: 1) Materials and auxiliary materials, except as provided for in this standard; (2) Semi-manufactured products or primary products that could not be used independently; (3) Electric equipments for the purpose of medical treatment; (4) Elevator; (5) Generator of electric fence; (6) Particular equipments used on ship, aircraft and railway.

Objective and rationale: Protection of human health and safety; Quality requirements

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 21 November 2020

Full text of GB19517-201x: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1463\(simplified_chinese\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1463(simplified_chinese).pdf)

China Notification CHN/1471

Date issued: 23 September 2020

Agency responsible: State Administration for Market Regulation (SAMR)

National inquiry point: WTO/TBT National Notification and Enquiry Center of the People's Republic of China

Products covered: Automatic linkage controller for fire protection; equipment of gas extinguishing subsystem, fire pump monitoring subsystem, smoke management monitoring subsystem and fire emergency broadcasting and telephone subsystem, fire-fighting emergency power, fire control power switch device and module, fire hydrant button; graphic display device of fire control room, etc. HS 8424100000

Title: National Standard of the P.R.C., Automatic Control System for Fire Protection (113 pages in Chinese)

Description of content: This standard specifies the terms and definitions, system composition, requirements, tests, inspection rules and marks of automatic control system for fire protection.

This standard is applicable to automatic control system for fire protection and various equipment constituting the system installed in common industrial and civil construction, including automatic linkage controller for fire protection; equipment of gas extinguishing subsystem, fire pump monitoring subsystem, smoke monitoring subsystem and fire emergency broadcasting and telephone subsystem; fire-fighting emergency power; fire control power switch device and module; fire hydrant button, graphic display device in fire control room, etc.

Objective and rationale: Prevention of deceptive practices and consumer protection; Protection of human health or safety; Quality requirements

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 22 November 2020

Full text of GB 16806-20xx: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1471\(simplified_chinese\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHN/full_text/pdf/CHN1471(simplified_chinese).pdf)

Korea, Republic of Notification KOR/918

Date issued: 22 September 2020

Agency responsible: Ministry of Environment

National inquiry point: Korea WTO TBT Enquiry Point

Products covered: All Products that use packaging

Title: Draft partial amendment of the "Act on the Promotion of Saving and Recycling of Resources" (4 page(s), in Korean)

Description of content: The Republic of Korea is proposing to amend the "Act on the promotion of saving and recycling of resources". The main changes proposed are: Mandatory labeling of the material and packaging method (including space ratio of packaging and the number of packaging) on the surface of packaging. In case of non-compliance, a fine of not more than three million won will be imposed.

Objective and rationale: It is necessary to mandate the labeling of packaging materials and packaging methods in order make product manufacturers and others reduce packaging waste by providing information related to packaging.; Consumer information, labelling

Relevant documents: - The National Assembly Bill No. 2102738 (6 August 2020)

Proposed date of adoption: 31 December 2020

Proposed date of entry into force: Not given by country

Final date for comments: 21 November 2020

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR918\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR918(korean).pdf)

Korea, Republic of Notification KOR/919

Date issued: 23 September 2020

Agency responsible: Ministry of Environment

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

Products covered: All products that use packaging

Title: Draft partial amendment of the "Act on the Promotion of Saving and Recycling of Resources" (5 pages in Korean)

Description of content: Republic of Korea is proposing to amend the "Act on the promotion of saving and recycling of resources". The main changes proposed are: Mandatory labeling of the material and packaging method (including space ratio of packaging and the number of packaging) on the surface of packaging. In case of non-compliance, a fine of not more than three million won will be imposed. Annually, regular product surveys and inspections are conducted to confirm compliance and labeling.

Objective and rationale: It is necessary to mandate the labeling of packaging materials and packaging methods in order to make product manufacturers and others reduce packaging waste by providing information related to packaging.; Consumer information, labelling

Relevant documents: The National Assembly Bill No. 2102968 (14 August 2020)

Proposed date of adoption: 1 January 2021

Proposed date of entry into force: 1 January 2022

Final date for comments: 22 November 2020

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR919\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR919(korean).pdf)

Switzerland Notification CHE/248

Date issued: 16 September 2020

Agency responsible: State Secretariat for Economic Affairs (SECO) ; 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; 2 pages in Italian)

Description of content: The Ordinance of the Swiss Federal Office of Communications on telecommunications installations (OOIT) specifies the basic technical requirements with regards to telecommunications installations set out by the Swiss Federal Council. It regulates the use of radio interfaces in Switzerland.

For legal reasons, the version of each RIR was increased by 1. Nothing has changed in content except for the following RIRs:

Due to the replacement of ADS-95, 2 sub-bands of RIR0203-11 will be adjusted (new: 2170 - 2200 MHz and 2200 - 2400 MHz old: 2170 - 2208 MHz and 2290 - 2400 MHz).

Due to changes in ECC/DEC/(08)01 and EN 302 571, the frequency range of the RIR0510-01 will be extended to 5875 - 5925 MHz and the occupied bandwidth as well as the scope will be adapted.

Due to changes in ECC/DEC/(08)01 the RIR0510-03 in the frequency range of 5905 - 5925 MHz will be deleted and the corresponding applications will be covered by the RIR0510-01.

A new RIR0808-20 in the frequency range of 1980 - 2010 MHz will be created for the Mobile Satellite Service (MSS) to be used as Aircraft Earth Station (AES).

The technical and administrative regulations (PTA5.2, PTA5.3, PTA5.4) which apply to mobile jammers, fixed jammers, and other special electronics intended to be operated by authorities to safeguard public security have been adapted. For PTA5.2 the scope has been extended. For all PTA, an assistance/guidance was added on how to find an accredited testing laboratory. These regulations impose the requirements on the products in order to get a type approval.

Objective and rationale: The OOIT has to be updated to follow the latest frequency management in Europe.; Harmonization; 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.
- DRAFT - RIR0808-20 (new), DRAFT - RIR0510-03 (to be abrogated), DRAFT - RIR0203-11 , DRAFT - RIR0510-01 (to be amended)
- Link to all Draft RIR: <https://www.ofcomnet.ch/#/rirs/drafts>

Proposed date of adoption: 1 January 2021

Proposed date of entry into force: 1 January 2021

Final date for comments: 20 December 2020

Full text in three languages: [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248\(french\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248(french).pdf); [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248\(german\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248(german).pdf); [https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248\(italian\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/CHE/full_text/pdf/CHE248(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 26 October 2020

BSR/ASSP Z359.11-202X, Safety Requirements for Full Body Harnesses (revision and redesignation of ANSI/ASSE Z359.11-2014)

This standard establishes requirements for the performance, design, marking, qualification, instruction, training, test methods, inspection, use, maintenance, and removal from service of full body harnesses (FBH).

Single copy price: \$110.00

Order from and send comments to: omunteanu@assp.org

BSR/CTA 2048-A-202x, Host and Router Profiles for IPv6 (revision and redesignation of ANSI/CTA 2048-2014)

This document is to identify the required features and capabilities for stand-alone routers and hosts with support for IPv6 and related necessary protocols. Additional items to consider are support for IPv6 transition technologies and support for PCP (port configuration protocol). These requirements are referenced to available technical standards such as RFCs.

Single copy price: Free

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

BSR/IAPMO USHGC 1-202x, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2018)

The provisions of this code applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy and hydronic and geothermal energy systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

Single copy price: \$10.00

Order from and send comments to: Hugo Aguilar, hugo.aguilar@iapmo.org

BSR/IAPMO USPSHTC 1-202x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2018)

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

Single copy price: \$10.00

Order from and send comments to: Hugo Aguilar, hugo.aguilar@iapmo.org

Due 2 November 2020

BSR/ASME BTH-1-202x, Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2017)

This standard provides minimum structural, mechanical, and electrical design criteria for ASME B30.20, Below-the-Hook Lifting Devices. The provisions in this standard apply to the design or modification of below-the-hook lifting devices. Compliance with requirements and criteria that may be unique to specialized industries and environments is outside the scope of this Standard. Lifting devices designed to this Standard shall comply with ASME B30.20, Below-the-Hook Lifting Devices. ASME B30.20 includes provisions that apply to the marking, construction, installation, inspection, testing, maintenance, and operation of below-the-hook lifting devices. The provisions defined in this standard address the most common and broadly applicable aspects of the design of below-the-hook lifting devices.

Single copy price: Free

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

Send comments to: Elijah Dominguez, domingueze@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

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

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

BSR/RIA R15.08-1-202x, Industrial Mobile Robots - Safety Requirements - Part 1: Requirements for the Industrial Mobile Robot (new standard)

This document specifies safety requirements for industrial mobile robots (IMRs). It describes basic hazards associated with IMRs in an industrial environment, and provides requirements to eliminate, or adequately reduce, the risks associated with these hazards. IMRs incorporate mobile platforms that can be either autonomous mobile robots (AMRs) or, where an industrial robot manipulator is combined with the mobile platform, automated guided vehicles (AGVs). This document is intended to be submitted for consideration as an ISO standard via ISO Technical Committee 299, Robotics.

Single copy price: \$225.00 (non-members); \$190.00 (members of RIA or A3))

Order from and send comments to: cfranklin@robotics.org

BSR/UL 3741-202x, Standard for Safety for Standard for Safety for Photovoltaic Hazard Control (new standard)

This proposal for UL 3741 covers the first edition of the Standard for Photovoltaic Hazard Control, UL 3741, including applicable requirements for Canada, which covers a means for evaluation of PV Hazard Control components, equipment and systems that provide a reduced level of shock hazard from energized PV system equipment and circuits located within the PV array after the operation of hazard control initiation function(s) where required, such as but not limited to any PV Rapid Shutdown Equipment (PVRSE) or PV Rapid Shutdown Systems (PVRSS) that comply with UL 1741.

Single copy price: Free

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

Due 19 November 2020

BSR/NFPA 350-202x, Guide for Safe Confined Space Entry and Work (revision of ANSI/NFPA 350-2019)

This guide provides information to protect workers from confined-space hazards. This guide supplements existing confined space regulations, standards, and work practices by providing additional guidance for safe confined space entry and work. References are provided throughout the guide and annexes to direct the reader to other regulations and standards or other content that might be applicable. This guide provides information to identify, evaluate, assess, and then eliminate, mitigate, or control hazards that are present or that may occur during entry into or work in and around confined spaces. This guide provides information on how to understand confined-space safety and safeguard personnel from fire, explosion, and other health hazards that are associated with confined spaces.

Access and offer comments at www.nfpa.org/350Next

BSR/NFPA 551-202x, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2019)

This guide is intended to provide assistance primarily to authorities having jurisdiction (AHJs) in evaluating the appropriateness and execution of a fire risk assessment for a given fire safety problem. While this guide primarily addresses regulatory officials, it also is intended for others who review FRAs, such as insurance company representatives and building owners.

Access and offer comments at www.nfpa.org/551Next

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 8 November 2020

C22.2 No. 60947-5-5, Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (new standard)

Adoption of IEC 60947-5-5 with Canadian deviations. IEC 60947-5-5 provides specifications relating to the electrical and mechanical construction of emergency stop devices with mechanical latching function and to their testing. This standard is applicable to electrical control circuit devices and switching elements which are used to initiate an emergency stop signal. Such devices may be either provided with their own enclosure, or installed according to the manufacturer's instructions.

Due 23 November 2020

C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4516, Ground fault leakage detection for service equipment (amendment)

Revise Rule 6-200 as shown (additional text):

4) Where the consumer's service to a dwelling unit requires a main system bonding jumper in accordance with Rule 10-210, the service box or meter mounting device shall be permitted to be equipped with a means to detect ground fault leakage, where the ground fault leakage detection equipment:

- a) is located in a readily accessible and visible area within 1 meter of the service box or meter mounting device;
 - b) monitors each and every branch circuit collectively as a whole;
 - c) provides a continuous visual indication when the ground fault level is below 6mA; and
 - d) provides a continuous visual and mutable audible indication when the ground fault level exceeds 6 mA.
-

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 A10.12-202x, Safety Requirements for Excavation (revision and redesignation of ANSI/ASSE A10.12-1998 (R2016))

This standard applies to all open excavations made in the earth's surface that require worker and/or property protection.

Contact: Lauren Bauerschmidt, LBauerschmidt@assp.org

BSR MH1-202X, Pallets, Slip Sheets, and Other Bases for Unit Loads (revision of ANSI MH1-2016)

The purpose of this standard is to serve as the guide for designers, manufacturers, sellers, installers, owners, users, and governing bodies in the design, manufacturing, and use of pallets, slip sheets, and other bases for unit loads.

Contact: Patrick Davison, pdavison@mhi.org

BSR Z590.3-202x, Prevention through Design. Guidelines for Addressing Occupational Hazards and Risks in Design and Redesign Processes (revision and redesignation of ANSI/ASSE Z590.3-2011 (R2016))

This standard provides guidance on including prevention through design concepts within an occupational safety and health management system. Through the application of these concepts, decisions pertaining to occupational hazards and risks can be incorporated into the process of design and redesign of work premises, tools, equipment, machinery, substances, and work processes including their construction, manufacture, use, maintenance, and ultimate disposal or reuse. This standard provides guidance for a life-cycle assessment and design model that balances environmental and occupational safety and health goals over the lifespan of a facility, process, or product.

Contact: Lauren Bauerschmidt, LBauerschmidt@assp.org

BSR/AHRI Standard 885 (I-P)-202x, Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets (new standard)

The purpose of this standard is to provide a consistent industry-accepted method for estimating Sound Pressure Levels in a conditioned occupied space for the application of Air Terminals and air outlets. This standard includes sound levels from most but not all components in the air distribution system. Air Terminals, air outlets, and the low-pressure ductwork which connects them are considered as sound sources and are the subject of this standard. [This is the US-customary unit version. See BSR/AHRI Standard 886 (SI)-202x for a version in SI.]

Contact: Karl Best, kbest@ahrinet.org

BSR/AHRI Standard 886 (SI)-202x, Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets (new standard)

The purpose of this standard is to provide a consistent industry-accepted method for estimating Sound Pressure Levels in a conditioned occupied space for the application of Air Terminals and air outlets. This standard includes sound levels from most but not all components in the air distribution system. Air Terminals, air outlets and the low-pressure ductwork which connects them are considered as sound sources and are the subject of this standard. [This is the SI version. See BSR/AHRI Standard 885 (SI)-202x for a version in US-customary units].
Contact: Karl Best, kbest@ahrinet.org

BSR/BIFMA X5.41-202X, Large Occupant Public and Lounge Seating (new standard)

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of public and lounge seating for large occupants.
Contact: David Panning, dpanning@bifma.org

BSR/CTA 852.1-B-202x, Enhanced Protocol for Tunneling Component Network Protocols over Internet Protocol Channels (new standard)

The project is to revise CTA-852.1-A and make it an American National Standard. The standard specifies a communications method that allows networked data acquisition and control devices to communicate with each other over the Internet. The purpose of such devices are widely varying and include functions such as appliance monitoring, meter reading, and HVAC and lighting control.
Contact: Veronica Lancaster, vlancaster@cta.tech

BSR/IAPMO Z1123.2-202x, Method for Risk Assessment, Laboratory Assessment, and Labeling Procedures to Verify Compliance of Products or Materials with California Proposition 65 Requirements - Building Products (new standard)

This standard establishes guidelines for laboratory testing and risk assessment methods to aid manufacturers in determining if a product would be expected to cause significant exposure to identified chemicals in accordance with California Proposition 65 requirements. This standard applies to building products.
Contact: Kyle Thompson, standards@iapmostandards.org

BSR/ICC 400-202x, Standard on the Design and Construction of Log Structures (revision of ANSI/ICC 400-2017)

The ICC is revising the ICC 400, Standard on the Design and Construction of Log Structures, to maintain the standard with current industry practice. ICC is developing the standard to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe and reliable structures constructed of log timbers.
Contact: Karl Aittaniemi, kaittaniemi@iccsafe.org

BSR/NECA 407-202X, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2015)

This standard describes installation and maintenance procedures for panelboards, and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water. This standard applies to panelboards rated 600 Volts or less, AC and DC, with main disconnects or lugs, and with feeder or branch circuit overcurrent devices. This standard applies to single panelboards and multi-section panelboards that are installed in the field and used for distributing power for commercial, institutional, and industrial loads in nonhazardous locations both indoors and outdoors.
Contact: Lina Jariri, lina.jariri@necanet.org

BSR/NECA 408-202X, Standard for Installing and Maintaining Busways (revision of ANSI/NECA 408-2015)

This standard describes the installation and maintenance procedures for feeder and plug-in busways and accessories rated 600 Volts AC or less, and 100 Amperes or more, installed aboveground and used as service entrance, feeder, and branch circuit busway. It also covers periodic routine maintenance procedures for busway and special procedures used after adverse operating conditions such as a short-circuit, ground-fault, or immersion in water.
Contact: Lina Jariri, lina.jariri@necanet.org

INCITS/ISO/IEC 19086-2:2018 [202x], Cloud computing - Service level agreement (SLA) framework - Part 2: Metric model (identical national adoption of ISO/IEC 19086-2:2018)

Establishes common terminology, defines a model for specifying metrics for cloud SLAs, and includes applications of the model with examples. This document establishes a common terminology and approach for specifying metrics. Is for the benefit of and use for both cloud service providers (CSPs) and cloud service customers (CSCs). This document is intended to complement ISO/IEC 19086-1, ISO/IEC 19086-3, and ISO/IEC 19086-4. This document does not mandate the use of a specific set of metrics for cloud SLAs.

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

Final actions on American National Standards

The documents listed below have been approved by the ANSI Board of Standards Review or by an ANSI-Audited Designator on the date noted.

Six more addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, making 13 addenda in less than 30 days:

ANSI/ASHRAE/ICC/USGBC/IES Addendum ab to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017): 1 September 2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum af to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017): 1 September 2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum aw to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1 -2017): 1 September 2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum bb to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1 -2017): 1 September 2020

ANSI/ASHRAE/ICC/USGBC/IES Addendum o to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 1 September 2020

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ANSI/NFPA 1-2021, Fire Code (revision of ANSI/NFPA 1-2018): 31 August 2020

ANSI/NFPA 4-2021, Standard for Integrated Fire Protection and Life Safety System Testing (revision of ANSI/NFPA 4-2018): 31 August 2020

ANSI/NFPA 30-2021, Flammable and Combustible Liquids Code (revision of ANSI/NFPA 30-2018): 31 August 2020

ANSI/NFPA 101-2021, Life Safety Code (revision of ANSI/NFPA 101-2018): 31 August 2020

ANSI/UL 621-2020, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2005): 9 September 2020

ANSI/UL 8750-2020a, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2020): 11 September 2020

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 by due date then project identifier alphanumeric.

1/2445/FDIS, IEC 60050-195 ED2: International Electrotechnical Vocabulary (IEV) - Part 195: Earthing and protection against electric shock, 23 October 2020

1/2446/FDIS, IEC 60050-195 ED2: International Electrotechnical Vocabulary (IEV) - Part 195: Earthing and protection against electric shock, 23 October 2020

120/194/CD, IEC TR 62933-4-200 ED1: Electrical energy storage (EES) systems - Part 4-200: Guidance on environmental issues -Greenhouse gas (GHG) emission reduction by electrical energy storage (EES) systems, 23 October 2020

76/661/DTR, IEC TR 60825-14 ED2: Safety of laser products – Part 14: A user's guide, 6 November 2020

76/662/DTR, IEC TR 60825-3 ED3: Safety of laser products - Part 3: Guidance for laser displays and shows, 6 November 2020

34/733/CD, IEC 62386-305 ED1: Digital addressable lighting interface - Part 305: Particular requirements - Input devices - Colour sensor, 20 November 2020

34A/2198/CDV, IEC 62922/AMD1 ED1: Amendment 1 - Organic light emitting diode (OLED) panels for general lighting – Performance requirements, 20 November 2020

100/3459/CDV, IEC 61937-2 ED3: Digital audio - Interface for nonlinear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info (TA 20), 20 November 2020

100/3462/CDV, IEC 61937-15 ED1: Digital audio - Interface for nonlinear PCM encoded audio bitstreams applying IEC 60958 – Part15: Non-linear PCM bit streams according to Auro-Cx format (TA 20), 20 November 2020

121A/370/CDV, IEC 60947-8 ED2: Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines, 20 November 2020

121A/381/NP, PNW 121A-381: Low-voltage switchgear and controlgear - Part 10: Semiconductor circuit-breakers, 20 November 2020

121A/382A/NP, Revised PNW 121A-382 ED1: Electrical accessories - Residual current monitors (RCMs) - Part 2: RCMs for industrial applications up to 1000 V AC, 27 November 2020

8/1558/CD, IEC TS 63222 ED1: Guidelines for network management - Power quality management, 4 December 2020

65C/1059/CD, IEC 61784-5-22 ED1: Industrial communication networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22, 4 December 2020

65C/1060/CD, IEC 61784-5-8 ED3: Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8, 4 December 2020

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 from the [ANSI Webstore](#).

ISO 27875/Amd1:2020, Space systems - Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages - Amendment 1: Formula to obtain E_c by the product of the probability of impact on a specific latitude band, and the population within the band, which is integrated over the latitude range covered by the orbital inclination, \$19.00

ISO 37163:2020, Smart community infrastructures – Smart transportation for parking lot allocation in cities, \$68.00

ISO 8794:2020, Steel wire ropes - Spliced eye terminations for slings, \$103.00

ISO/IEC 23836:2020, Information technology - User interfaces - Universal interface for human language selection, \$45.00

ISO/IEC TR 19075-9:2020, Information technology database languages - Guidance for the use of database language SQL – Part 9: Online analytic processing (OLAP) capabilities, \$185.00

ISO/IEC TS 23078-1:2020, Information technology - Specification of DRM technology for digital publications - Part 1: Overview of copyright protection technologies in use in the publishing industry, \$45.00

ISO/IEC TS 23078-2:2020, Information technology - Specification of DRM technology for digital publications - Part 2: User key-based protection, \$185.00

ISO/TR 11064-10:2020, Ergonomic design of control centres – Part 10: Introduction to the control room design series of standards, \$68.00

ISO/TR 22428-1:2020, Managing records in cloud computing environments - Part 1: Issues and concerns, \$138.00

ISO/TR 9241-810:2020, Ergonomics of human-system interaction - Part 810: Robotic, intelligent and autonomous systems, \$209.00

TSP meeting schedule

All times are EDT, and all meetings will be via WebEx, not face-to-face. The meeting schedule is posted at <https://www.esta.org/ESTA/meetings.php>. Note that it is subject to change. Everything is subject to change.

Control Protocols Compliance Study Group	10:00 – 14:00	Friday 9 October 2020
Control Protocols Working Group	10:00 – 13:00	Wednesday 14 October 2020
Control Protocols E1.20 TG	10:00 – 14:00	Monday 12 October 2020
Control Protocols E1.37-4 TG	10:00 – 14:00	Friday 9 October 2020
Control Protocols E1.37-5 TG	14:00 – 15:00	Friday 9 October 2020
Control Protocols E1.59 TG	16:00 – 18:00	Tuesday 13 October 2020
Control Protocols GitHub TG	13:00 – 14:00	Tuesday 13 October 2020
Control Protocols Next Gen Overall TG	noon – 14:00	Thursday 15 October 202
Electrical Power Working Group	14:00 – 17:00	Friday 16 October 2020
Event Safety Working Group	11:00 – 13:00	Friday 16 October 2020
Floors Working Group	14:00 – 16:00	Wednesday 14 October 2020
Photometrics Working Group	17:00 – 20:00	Wednesday 14 October 2020
Rigging Working Group	14:00 – 17:00	Tuesday 13 October 2020
Stage Machinery Working Group	10:00 – 13:00	Thursday 15 October 202
Technical Standards Council	10:00 – 13:00	Monday 19 October 2020

ESTA Standards Watch

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The archive of *Standards Watch* issues back to the beginning of 2011 is available at <http://estalink.us/nn7a1>.

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