



ESTA Standards Watch

Late October 2023

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NATEAC 2024 requests session proposals

The North American Theatre Engineering and Architecture Conference (NATEAC) has put out a request for proposals for sessions for the July 2024 conference, which will be held in Brooklyn, New York. The theme of the 2024 conference is "Access." Access can be construed in technical and human ways. While it certainly encompasses ADA solutions and rope, it also can include DEI, choice of clients, information in the AI age, gender-neutral restrooms, green space, and more.

Session topics should be relevant and timely, with a high level of knowledge to match the caliber of the audience. Proprietary products and processes are not suitable subjects. Proposals may be submitted through the NATEAC RFP submissions page at esta.org/rfp.

NATEAC will host a world-class list of architects, engineers, theatre consultants, designers, and other industry professionals at the New York City College of Technology, July 13-15, 2024. In addition to sessions, there will be networking opportunities, including the New York Harbor Cruise and a benefit dinner for the Behind the Scenes Charity. To be updated about the latest NATEAC news, visit esta.org/nateac and sign up to the mailing list. Sponsorship opportunities will be forthcoming.

ESTA standards in public review

A new collection of ESTA draft standards is available for public review at <http://estalink.us/pr>. They can be downloaded at no cost other than your time. The public reviews run through December 11. The documents will disappear from the website on December 12. The documents in public review are:

ANSI E1.29-2009, Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil, is being considered for reaffirmation. The standard is intended to help guide product safety testing laboratories in evaluating fog-making equipment for design or construction defects that might create unacceptable hazards. It is based on UL 998 - 2006, Humidifiers, with modifications. Products covered are theatrical fog generators intended for use in professional theatrical entertainment, film and video production, theme parks, and fire safety training.

ANSI E1.5 - 2009, Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols, also is being considered for reaffirmation. This standard describes the composition of theatrical fogs or artificial mists that are not likely to be harmful to healthy performers, technicians, or audience members of normal working age. It is limited to those fogs and mists made from a solution of water and one or more dihydric or trihydric alcohols, and is intended to be applied in theatres, arenas, and other places of entertainment or public assembly.

More to come! Nine BSR8 forms initiating public reviews were filed with ANSI after the TSP working group meetings in early October. The above two are the first ones posted; the other seven will be posted soon. Visit <http://estalink.us/pr> to see what's there.

WTO Technical Barrier to Trade notifications

The World Trade Organization has announced Technical Barrier to Trade filings that may be of interest to *Standards Watch* readers. If you have a problem with a TBT, you can protest through your representative to the World Trade Organization.

Canada Notification CAN/706

Notification date: 11 October 2023

If applicable, name of local government involved: Government of British Columbia

Agency responsible: British Columbia Ministry of Environment and Climate Change Strategy
Ministry of Environment and Climate Change Strategy

Government of British Columbia

Mailing Address: PO Box 9341

STN PROV GOVT

Victoria (British Columbia) V8W 9M1

Canada

Tel: +1 250 896-9807

Fax: + 1 250 356-7197

Products covered: Refuse sacks and bags, of polymers of ethylene; Sacks and bags, including cones, of polymers of ethylene; Sacks and bags, including cones, of plastics; Utensils, kitchenware, of plastics; Disposable tumblers & cups of plastics; Other disposable tableware, of plastics; Kitchenware of plastics

Title: Single-Use and Plastic Waste Prevention Regulation (8 pages in English only)

Description of content: The Single-Use and Plastic Waste Prevention Regulation (the Regulation) prohibits:

- single-use plastic shopping bags including those made from compostable and biodegradable plastics.
- food service providers from using foodservice packaging (e.g., containers, cartons, egg cartons, cups, plates, bowls, trays, meat trays and film wrap) made from compostable plastics, biodegradable plastics polystyrene foam, PVC (polyvinylchloride) and PVDC (polyvinylidene chloride) to package prepared food and beverages for sale in B.C.
- businesses from selling, distributing or using foodservice packaging (e.g., containers, cartons, egg cartons, cups, plates, bowls, trays, meat trays and film wrap) made from biodegradable plastics, polystyrene foam, PVC (polyvinylchloride) and PVDC (polyvinylidene chloride) to package food and beverages for sale in B.C.
- single-use plastic utensils (e.g., cutlery, chopsticks and stir sticks) including those made from compostable and biodegradable plastics.
- pre-packaged bundles of foodservice accessories (including napkins and single-serve condiments).

- all packaging and single-use products made from oxo-degradable plastics.

Requires minimum charges for alternatives to single-use plastic shopping bags (i.e., single-use paper shopping bags and reusable bags). Businesses are also be required to enable a no-fee option (e.g., facilitating the use of reusable bags or reuse of an existing bag or cardboard box).

Requires single-use foodservice accessories (e.g., wooden utensils, drinking straws, napkins, wet wipes, single-serve condiments) to be made available only by-request/opt-in (i.e., a customer must either ask for or be offered an item) including through online/remote food order delivery platforms. Self service stations are also permitted.

Includes, exemptions for reasons of accessibility, affordability, or if no suitable alternative is available.

Manufacture and import for the purposes of the above for export would not be subject to the prohibition.

Shopping bags have reusable substitutes so the Regulation identifies performance standards to differentiate between single-use and reusable shopping bags. The prohibitions on sale and distribution of shopping bags, foodservice accessories, foodservice ware (except for polystyrene foam trays used for meat, poultry and fish) will come into force 6 months after the regulation's publication. The prohibition on the distribution and sale of polystyrene foam trays used for meat, poultry and fish would come into force on July 1, 2030 seven years after the regulations are published.

The Province's approach is informed by the pollution prevention hierarchy to address the most problematic single-use items in British Columbia. The Regulation aims to reduce the impacts of single-use and plastic items, and the amount of single-use and plastic waste found in the environment, by moving plastics into B.C.'s circular economy by phasing out unnecessary single-use and plastic items; promoting a shift to durable reusable options; and, ensuring necessary single-use and plastic items can be recycled or composted.

The identified categories of single-use plastic items subject to the Regulation are commonly found on Canadian shorelines and in terrestrial litter clean-ups. A range of evidence sources, including peer-reviewed studies, show that the items, when littered, likely pose a threat of harm to wildlife through entanglement, ingestion or habitat disruption. The Province estimates that the Regulation would prevent, for example, the use of ~192M single-use bags per year.

The identified categories of single-use plastic items also present barriers to fostering a circular economy in B.C. that would keep plastics in the economy and out of the environment because they have low recycling rates, are known to hamper recycling or wastewater treatment systems, and have barriers to increasing recycling rates. Eliminating these products from the B.C. market would remove key irritants from value recovery systems and improve their efficiency.

Objective and rationale: The objective of the Regulation is to prevent single-use and plastic pollution by eliminating or restricting the sale and distribution of oxo-degradable plastic and three categories of single-use plastic items in British Columbia that pose a threat to the environment, are hard to recycle, and have readily available alternatives.

A Science Assessment of Plastic Pollution prepared by the Government of Canada and published in 2020 found that macroplastics in the environment pose a threat of harm to wildlife and their habitat, and recommended action to reduce macroplastics that end up in the environment. Further, oxo-degradable plastics (including oxo-biodegradable and plastics with oxo-degradable additives) contain additives that intentionally lead to fragmentation of the plastics into microplastics that further contaminate the environment. Research indicates that they are not suitable for composting or anaerobic digestion processing, do not breakdown in landfills or if littered in marine environments, and are not suitable for recycling. In addition, there are potential toxic effects on soils from the residual additives.

Protection of the environment

Proposed date of adoption: 14 July 2023

Proposed date of entry into force: 20 December 2023 (with a transition period with respect to the prohibition on polystyrene foam trays used to contain meat, poultry and fish requiring further preparation delayed until 1 July 2030).

Final date for comments: Not applicable

Texts available from: https://www.bclaws.gov.bc.ca/civix/document/id/oic/oic_cur/0461_2023

United States of America Notification USA/2056

Notification date: 13 October 2023

Agency responsible: Nuclear Regulatory Commission

USA WTO TBT Enquiry Point Email: usatbtep@nist.gov

Products: Fusion systems; Nuclear energy engineering

Title: Regulatory Framework for Fusion Systems (2 pages in English)

Description of content: Availability of preliminary proposed rule language; public meeting - The U.S. Nuclear Regulatory Commission (NRC) is considering amending its byproduct material regulations to establish a regulatory framework for fusion systems. The NRC is making available preliminary proposed rule language for a limited-scope, technology-inclusive framework that will be added to NRC's regulations in the Code of Federal Regulations. The NRC plans to hold public meetings in October and November 2023, to promote understanding of the preliminary proposed rule and facilitate transparency in its public rulemaking process. The NRC plans to hold a series of public meetings on 11 October 2023, 1 November 2023, and 9 November 2023. See Section II, "Preliminary Proposed Rule Language and Public Meetings," of this document for more information on the meetings.

Objective and rationale: Protection of human health or safety

Relevant documents: 88 Federal Register (FR) 68506, 12 October 2023; Title 10 Code of Federal Regulations (CFR) Parts 20, 30, and 51: <https://www.govinfo.gov/content/pkg/FR-2023-10-04/pdf/2023-21988.pdf>

This availability of preliminary proposed rule language; public meeting announcement is identified by Docket Number NRC-2023-0071. The Docket Folder is available on Regulations.gov at <https://www.regulations.gov/docket/NRC-2023-0071/document> and provides access to primary and supporting documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number.

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: Not Applicable

Texts available from: https://members.wto.org/crnattachments/2023/TBT/USA/23_12997_00_e.pdf

European Union Notification EU/1022

Notification date: 20 October 2023

Agency responsible: European Commission

EU-TBT Enquiry Point: grow-eu-tbt@ec.europa.eu

Products covered: Electrical and electronic equipment

Title: Draft Commission Delegated Directive amending Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for cadmium in downshifting quantum dots directly deposited on LED semiconductor chips (10 pages and 2 pages in English)

Description of content: This draft Commission Delegated Directive concerns applications for a specific and time-limited exemption from the substance restrictions under the RoHS Directive. The criteria for granting an exemption concerning one requested application is met and a new exemption should be given. The current exemption should expire after a transition period.

Objective and rationale: Adaptation of the Annexes to scientific and technical progress without compromising the objectives in Article 1 of the Directive 2011/65/EU.; Protection of human health or safety; Protection of the environment

Relevant documents: Two scientific background studies evaluating the specific exemption are available at <https://op.europa.eu/en/publication-detail/-/publication/afa12b2f-5a0a-11eb-b59f-01aa75ed71a1/language-en/format-PDF/source-187695217> and <https://op.europa.eu/en/publication-detail/-/publication/ac232efe-76ad-11ed-9887-01aa75ed71a1/language-en/format-PDF/source-277797051>

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment: <http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1438768100804&uri=CELEX:32011L0065>

Proposed date of adoption: January 2024

Proposed date of entry into force: 20 days from publication in the Official Journal of the EU (about three months after adoption approximately)

Final date for comments: 60 days from notification, 19 December 2023

Texts available from: <http://ec.europa.eu/growth/tools-databases/tbt/en/>
https://members.wto.org/crnattachments/2023/TBT/EEC/23_13071_00_e.pdf
https://members.wto.org/crnattachments/2023/TBT/EEC/23_13071_01_e.pdf

United States of America Notification USA/2060

Notification date: 20 October 2023

Agency responsible: Environmental Protection Agency

USA WTO TBT Enquiry Point: usatbtep@nist.gov

Products covered: Ozone-depleting substances as process agents; Environmental protection; Production in the chemical industry; Products of the chemical industry

Title: Protection of Stratospheric Ozone: Updates Related to the Use of Ozone-Depleting Substances as Process Agents (12 pages in English)

Description of content: Proposed rule - This action proposes to establish recordkeeping and reporting requirements for uses of ozone-depleting substances as process agents and to update definitions to reflect current practice. Codified recordkeeping and reporting requirements would provide clear and consistent notice each year of information EPA collects, aggregates, and reports as a party to the Montreal Protocol on Substances that Deplete the Ozone Layer; effectively monitor these narrow uses in a more routine and consistent manner under the Clean Air Act; and enhance understanding of emissions of substances harmful to the ozone layer.

Objective and rationale: Protection of the environment

Relevant documents: 88 Federal Register (FR) 72027, 19 October 2023; Title 40 Code of Federal Regulations (CFR) Part 82: <https://www.govinfo.gov/content/pkg/FR-2023-10-19/pdf/2023-22182.pdf>

This proposed rule is identified by Docket Number EPA-HQ-OAR-2022-0707. The Docket Folder is available on Regulations.gov at <https://www.regulations.gov/docket/EPA-HQ-OAR-2022-0707/document> and provides access to primary and supporting 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 by 4pm Eastern Time on 4 December 2023 will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 4 December 2023

Texts available from: https://members.wto.org/crnattachments/2023/TBT/USA/23_13066_00_e.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 20 November 2023

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1/B2.1M-2021)

This specification provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrogas welding, electron beam welding, electroslag welding, flux-cored arc welding, gas-metal arc welding, gas tungsten arc welding, laser beam welding, oxyfuel gas welding, plasma arc welding, shielded metal arc welding, stud arc welding, and submerged arc welding. Basemetals, fillermetals, qualification variables, welding designs, and testing requirements are also included.

Single copy price: \$168.50

Obtain an electronic copy from: jrosario@aws.org

Send comments to: Jennifer Rosario <jrosario@aws.org>

BSR/SERI R2v3 (3.1)-202x, The Sustainable Electronics Reuse & Recycling Standard (addenda to ANSI/SERI R2-V3-2020)

With the rapidly increasing adoption of solar power globally, the quantity of photovoltaic (PV) modules is increasing at a significant rate. Once this PV equipment reaches the end of its first use, sustainable solutions for its safe and environmentally sound reuse and recycling are required. The review and revision of the R2 Standard to include PV equipment has been completed and an addenda to the R2 Standard (Appendix G -Photovoltaic (PV) Modules), will ensure that R2 facilities that handle PV modules identify some of the key risks associated with processing this equipment; and R2 facilities are enabled to demonstrate their operations meet the defined R2 sustainable practices for processing PV modules; and provide generators of PV equipment insight into how it is safely and sustainably managed. After a first round of public comments, the R2 Consensus Body made

substantial changes to the definitions and Appendix G, so a second round of public comments based on the changes made will be initiated. The definitions and Appendix G will be available for public comment through our website for 45 days after publication in Standards Action, and also be announced in SERI's October R2 Facility Newsletter, and on SERI's social media on 10/6/23.

Single copy price: Free

Obtain an electronic copy from: <https://sustainableelectronics.org/r2-pv-public-comments/>

Send comments to: <https://sustainableelectronics.org/r2-pv-public-comments/>

Due 27 November 2023

BSR H35.1/H35.1 (M)-202x, Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1/H35.1 (M)-2017)

The standard covers the systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, the tempers in which they are produced, and aluminum and aluminum alloys in the form of powders.

Single copy price: Free

Obtain an electronic copy from: smuhamed@aluminum.org

Send comments to: Sam Muhamed <smuhamed@aluminum.org>

BSR/ASSP Z15.1-202X, Safe Practices for Motor Vehicle Operations (revision and redesignation of ANSI/ASSE Z15.1-2017)

This standard sets forth practices for the safe management and operation of motor vehicles owned or operated by organizations. These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles for organizational business.

Single copy price: \$125.00

Obtain an electronic copy from: RBlanchette@assp.org

Send comments to: Same

BSR/FM 4950-202x, Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (new standard)

This standard sets performance requirements for welding pads, welding blankets, and welding curtains used as a means of preventing the ignition of combustibles during welding, cutting and other hot work operations. Welding pads, welding blankets, and welding curtains will be evaluated on their ability to: prevent burn-through of the material; provide adequate protection for adjacent combustibles; limit temperature transmission through the material; resist melting, dripping or deformation; maintain their flexibility, durability, and structural integrity; and resist degradation from weathering.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Send comments to: Same

Due 4 December 2023

BSR/NECA 1-202X, Standard for Good Workmanship in Electrical Construction (revision of ANSI/NECA 1-2023)

This standard addresses the mechanical execution of work that is an integral part of the installation of electrical equipment and systems, describes what constitutes "good workmanship," and includes accepted industry practices used to install equipment in a professional and skillful manner as addressed in the NEC, Section 110.12.

Single copy price: \$30.00 Member/\$60.00 Nonmember

Obtain an electronic copy from: NEIS@NECAnet.org

Send comments to: Same

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.

Obtain an electronic copy from: www.nfpa.org/2400Next

Send comments to: Same

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). The purpose of this standard is to identify the program elements necessary to develop, plan, coordinate, evaluate, revise, and sustain an ASHER program. Determining specific policies, tactics, and protocols shall be the responsibility of the authority having jurisdiction (AHJ). Nothing in this standard is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, resistance, effectiveness, durability, and safety over those prescribed by this standard. Obtain an electronic copy from: www.nfpa.org/3000Next

Send comments to: Same

Due 19 December 2023

BSR/INCITS/ISO/IEC 4005-1:2023 [202x], Telecommunications and information exchange between systems -Unmanned aircraft area network (UAAN) - Part 1: Communication model and requirements (identical national adoption of ISO/IEC 4005-1:2023)

Describes a communication model and requirements for unmanned aircraft area network (UAAN), which is a wireless distributed communication network for units related with UA services in level II. It describes: the communication structure and operation; the purpose of the three types of communication and related services; the interoperation of the three types of communication; the interworking with upper layers.

Single copy price: \$157.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

BSR/INCITS/ISO/IEC 4005-2:2023 [202x], Telecommunications and information exchange between systems -Unmanned aircraft area network (UAAN) - Part 2: Physical and data link protocols for shared communication (identical national adoption of ISO/IEC 4005-2:2023)

Describes communication protocols for the physical and data link layer of shared communication, which is a wireless distributed communication network for units related with UAs in level II. Physical layer includes frame structure, encoding procedure, physical layer procedure and coexistence operations. Data link layer includes channel and slot, resource management, broadcast and exchange of data, synchronization, security, and interface with upper layer and other communication layers.

Single copy price: \$237.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

BSR/INCITS/ISO/IEC 4005-3:2023 [202x], Telecommunications and information exchange between systems -Unmanned aircraft area network (UAAN) - Part 3: Physical and data link protocols for control communication (identical national adoption of ISO/IEC 4005-3:2023)

Specifies communication protocols for the physical and data link layer for control communication, which is wireless distributed communication network for units related with unmanned aircrafts (UAs) in level II. This document describes control communication, which is one-to-one communication between a UA and a controller.

Single copy price: \$237.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

BSR/INCITS/ISO/IEC 4005-4:2023 [202x], Telecommunications and information exchange between systems -Unmanned aircraft area network (UAAN) - Part 4: Physical and data link protocols for video communication (identical national adoption of ISO/IEC 4005-4:2023)

Specifies communication protocols for the physical and data link layer of video communication, which is a wireless distributed communication network for units related with unmanned aircrafts (UAs) in level II. This document describes video communication, which is one-to-one communication that transmits video from a UA to a video receiver. For the specific use of video communication, video can be transmitted from a UA to multiple receivers.

Single copy price: \$237.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

BSR/INCITS/ISO/IEC 8183:2023 [202x], Information technology - Artificial intelligence - Data life cycle framework (identical national adoption of ISO/IEC 8183:2023)

Defines the stages and identifies associated actions for data processing throughout the artificial intelligence (AI) system life cycle, including acquisition, creation, development, deployment, maintenance and decommissioning. This document does not define specific services, platforms or tools. This document is applicable to all organizations, regardless of type, size, or nature, that use data in the development and use of AI systems.

Single copy price: \$77.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. All material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in *Standards Action*, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to psa@ansi.org.

Due 19 November 2023

NEMA C12.31G, Guide for the Measurement of Voltage, Current, Power, Energy and Power Factor (technical report)

This document establishes definitions of AC electrical power (active, reactive, and apparent), AC electrical energy (active, reactive, and apparent) and power factor in terms of sampled voltage and current measurements. The definitions are provided to facilitate uniform comparison of the power, energy and power factor measurement values reported by electricity meters in comparison to equipment used as reference standards that implement these definitions for the determination of meter accuracy in the time domain and frequency domain.

Send comments to: Pau_orr@nema.org

New ANS projects

ANSI has announced the following new projects that might materially affect *Standards Watch* readers—or at least be interesting. Contact the developer if you (a) want to be involved in a project, (b) object to a project and wish it to be abandoned, or (c) if you would like to point out that a scope is covered by an existing standard, thereby possibly making a project redundant or conflicting.

BSR/INCITS/ISO/IEC 24392:2023 [202x], Cybersecurity - Security reference model for industrial internet platform (SRM- IIP) (identical national adoption of ISO/IEC 24392:2023)

Presents specific characteristics of industrial internet platforms (IIPs), including related security threats, context-specific security control objectives and security controls. This document covers specific security concerns in the industrial context and thus complements generic security standards and reference models. In particular, this document includes secure data collection and transmission among industrial devices, data security of industrial cloud platforms, and secure collaborations with various industry stakeholders.

Contact Deborah Spittle<comments@standards.incits.org>

BSR/INCITS/ISO/IEC 27071:2023 [202x], Cybersecurity - Security recommendations for establishing trusted connections between devices and services (identical national adoption of ISO/IEC 27071:2023)

Provides a framework and recommendations for establishing trusted connections between devices and services based on hardware security modules. It includes recommendations for components such as: hardware security module, roots of trust, identity, authentication and key establishment, remote attestation, data integrity and authenticity. This document is applicable to scenarios that establish trusted connections between devices and services based on hardware security modules.

Contact Deborah Spittle<comments@standards.incits.org>

BSR/ASSP A10.11-202X, Safety Requirements for Personnel Nets (revision and redesignation of ANSI/ASSE A10.11-2016)

This standard establishes safety requirements for the selection, installation, and use of personnel nets during construction, repair, and demolition operations.

Contact Tim Fisher <TFisher@ASSP.org>

BSR/ASSP A10.26-202X, Emergency Procedures for Construction and Demolition Sites (revision and redesignation of ANSI/ASSE A10.26-2011 (R2016))

This standard applies to those emergency procedures involving: (1) Fires, collapses, hazardous spills and other emergencies that could endanger workers; (2) Emergency rescue of injured or ill workers or other persons, or of uninjured workers unable to rescue themselves; (3) Onsite provision of first aid and emergency medical care; (4) Evacuation and transportation of injured or ill workers to appropriate emergency medical facilities; (5) Pre-planning and coordination of emergency plan with emergency medical facilities; and (6) Training on emergency procedures/plans for workers and other groups.

Contact Tim Fisher <TFisher@ASSP.org>

BSR/ASSP A10.32-202X, Personal Fall Protection Systems Used in Construction and Demolition Operations (revision and redesignation of ANSI/ASSP A10.32-2023)

The purpose of this standard is to provide guidance for the proper utilization of active fall protection systems and equipment such that workers are protected from falls from height while performing construction and demolition activities.

Contact Tim Fisher <TFisher@ASSP.org>

BSR/ASSP A10.33-202X, Safety & Health Program Requirements for Multi-Employer Projects (revision and redesignation of ANSI/ASSP A10.33-2020)

This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers working on a construction project where multiple employers are engaged in the common undertaking to complete a construction project.

Contact Tim Fisher <TFisher@ASSP.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. "Final actions" means "done for now." No standard is ever finished.

ANSI/ACP 1000-2.1-2023, Rescue and Fall Protection Standard: Definitions and Nomenclatures (new standard), 29 September 2023

ANSI/ACP 1000-2.2-2023, Rescue and Fall Protection Standard: Rescue Training Requirements (new standard), 29 September 2023

ANSI/ACP 1000-2.3-2023, Rescue and Fall Protection Standard: Fall Protection Training Requirements (new standard), 29 September 2023

ANSI/AWC FDS-2024, Fire Design Specification for Wood Construction (revision and redesignation of ANSI/AWC FDS-2022), 28 September 2023

ANSI/AWC NDS-2024, National Design Specification for Wood Construction (revision and redesignation of ANSI/AWC NDS-2018), 16 October 2023

ANSI/IICRC S540-2023, Standard for Trauma and Crime Scene Cleanup (revision of ANSI/IICRC S540-2017), 28 September 2023

ANSI/UL 101-2023, Standard for Safety for Leakage Current for Utilization Equipment (revision of ANSI/UL 101-2019), 5 October 2023

ANSI C63.14-2023, Standard Dictionary for Electromagnetic Compatibility (EMC) including Electromagnetic Environmental Effects (E3) (revision and redesignation of ANSI/C63.14-2009), 9 October 2023

Draft IEC & ISO documents

This section lists documents reported in ANSI's *Standards Action* that the IEC or the ISO or both are considering for approval and that may be of interest to *Standards Watch readers*. Anyone interested in reviewing and commenting should order a copy from their national representative and submit their comments through them. Comments from US citizens on ISO documents must be sent to ANSI's ISO Team (isot@ansi.org), and must be submitted electronically in the approved ISO template as a Word document. US comments on IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department, sales@ansi.org.

62D/2085/FDIS, IEC 80601-2-78/AMD1 ED1: Amendment 1 -Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation, 10 November 2023

34/1132/FDIS, IEC 62386-306 ED1: Digital addressable lighting interface - Part 306: Particular requirements - Input devices -General purpose sensor, 17 November 2023

100/4049/FDIS, IEC 63296-2 ED1: Portable multimedia equipment - Determination of battery duration - Part 2: Headphones and earphones with active noise-cancelling functions, 17 November 2023

ISO/DIS 14785, Tourism and related services – Tourist information services - Requirements and recommendations, 18 December 2023, \$71.00

ISO/DIS 8100-1, Lifts for the transport of persons and goods -Part 1: Safety rules for the construction and installation of passenger and goods passenger lifts, 21 December 2023, \$194.00

77A/1180/CDV, IEC 61000-2-4 ED3: Electromagnetic compatibility (EMC) - Part 2-4: Environment – Compatibility levels in power distribution systems in industrial locations for low-frequency conducted disturbances, 22 December 2023

JTC1-SC41/366/CDV, ISO/IEC 30180 ED1: Internet of Things (IoT) - Functional requirements to determine the status of quarantine [*sic*] through Internet of Things data interfaces, 22 December 2023

JTC1-SC43/72/NP, PNW JTC1-SC43-72 ED1: Information Technology - Brain-computer Interfaces – Reference Architecture, 22 December 2023

ISO/DIS 18716, Professional farmer organization – Guidelines, 28 December 2023, \$58.00

3/1637/NP, PNW 3-1637 ED1: Preparation of information for use (instructions for use) of products - Part x Specific provisions for complex systems, 29 December 2023

100/4053/CD, IEC 61937-16 ED1: Digital Audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -Part 16: Non-linear PCM bitstreams according to the AVSA format, 29 December 2023

Recently published ISO & IEC documents

Listed here are documents recently approved by the ISO or IEC 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](#).

ISO/IEC TR 6114:2023, Cybersecurity - Security considerations throughout the product life cycle, \$210.00

ISO 37173:2023, Smart community infrastructure - Guidance for the development of smart building information systems, \$116.00

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TSP meetings

The next set of TSP working group meetings will be at the Wyndham Anaheim, scheduled to coincide with The NAMM Show 2024, to be held January 25–28, 2024 at the Anaheim Convention Center. The meeting schedule is still being worked out; when it is done, it will be posted at <https://esta.org/ESTA/meetings.php>.

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