



# ESTA Standards Watch

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## One ESTA standard in public review

One draft standard is available for public review and comment on the ESTA website at <http://estalink.us/pr>. The download's free. Comments are due no later than April 24, which is before April 25, not on April 25. (This is like, "Stop your car before you hit the garage wall.")

**BSR ES1.2, Event Safety - Planning, Management, and Major Incident**, describes a process for event organizers and supporting staff to create and implement event-related plans for health and safety management. This process includes a framework, guidelines, and recommended practices that can be used to reduce risk as much as reasonably practical and to respond appropriately when an incident occurs.

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## Protect UK App

Event organizers in the UK might find it helpful to download the "Protect UK" app. It provides access to real-time information from Counter Terrorism policing as well as the latest protective security advice, which is constantly being updated. More information can be found at <https://www.protectuk.police.uk/>.

## 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.

### United Kingdom Notification GBR/58

**Notification date:** 30 March 2023

**Agency responsible:** The Health and Safety Executive

**National inquiry point:** UK TBT Enquiry Point, Trade Policy Group, Department for International Trade, [TBTEnquiriesUK@trade.gov.uk](mailto:TBTEnquiriesUK@trade.gov.uk)

**Products covered:** Hazardous substances. Products of the chemical industry.

**Title:** The Great Britain (GB) mandatory classification and labelling list (the GB MCL list)

**Description of content:** For the purposes of transparency, the United Kingdom is signposting Members to the GB mandatory classification and labelling list, which is a list of all the mandatory classification and labelling requirements of substances and groups of substances made by the Secretary of State in accordance with Article 37 and Article 37A of the retained CLP Regulation (EC) No. 1272/2008 as amended for Great Britain.

**Objective and rationale:** Protection of human health or safety; Protection of the environment.

**Relevant documents:** [GB classification and labelling including the GB MCL list](#) – home page  
[GB mandatory classification and labelling list \(GB MCL list\)](#)

**Other relevant documents:** [Regulation \(EC\) No 1272/2008 of the European Parliament and of the Council](#) (Note - this is the '[Retained CLP Regulation \(EC\) No. 1272/2008 The Chemicals \(Health and Safety\) and Genetically Modified Organisms \(Contained Use\) \(Amendment etc.\) \(EU Exit\) Regulations 2019 No. 72008](#) as amended for Great Britain' as set out in as amended by [The Chemicals \(Health and Safety\) and Genetically Modified Organisms \(Contained Use\) \(Amendment etc.\) \(EU Exit\) Regulations 2020](#) (the GB CLP Regulation))

**Proposed date of adoption:** N/A

**Proposed date of entry into force:** N/A

**Final date for comments:** Not Applicable

### United Kingdom Notification GBR/59

**Notification date:** 3 April 2023

**Agency responsible:** Department for Energy Security and Net Zero

**National inquiry point:** UK TBT Enquiry Point, Trade Policy Group, Department for Business and Trade, [TBTEnquiriesUK@trade.gov.uk](mailto:TBTEnquiriesUK@trade.gov.uk)

**Products covered:** Lighting Products

**Title:** The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) (Amendment) Regulations 2023 (7 pages in English)

**Description of content:** The UK Government proposes to update the existing ecodesign regulations for lighting products placed on the GB market ([The Ecodesign for Energy Related Products and Energy Information \(Lighting Products\) Regulations 2021](#), from here on referred to as "the 2021 Regulations"). The proposal is to set a new Minimum Energy Performance Standard (MEPS) of 120 lumen per watt (lm/W) for light sources and luminaires placed on the GB market from late 2023; this MEPS would increase to 140 lm/W from 1 September 2027, in each case subject to certain allowances and exemptions. The proposal sets out a range of allowances whereby certain light sources will benefit from a reduction in the required MEPS if they have certain characteristics (e.g. a colour-rendering index of 93 or greater) which are known to cause a loss in efficacy.

No changes are proposed to existing ecodesign requirements for separate control gears; nor to the existing energy labelling requirements for light sources. We undertook an assessment of the exemptions included in the 2021 Regulations to identify if changes were required at this time, which concluded that very few changes were necessary.

**Objective and rationale:** Light sources and luminaires ("lighting products") are currently regulated under ecodesign and energy labelling legislation in GB. The current minimum energy performance standards (MEPS) for lighting products are below what is already reasonably achievable, resulting in untapped potential carbon, energy and energy-bill savings.

Our objective is to improve the efficiency of lighting products in order to meet our domestic energy efficiency and heat decarbonisation objectives as well as to improve our energy security and reduce bills for consumers. These amendments regulations will ensure that the potential energy savings are realised quickly

by bringing forward investment decisions and market transformation.

We propose to update the current MEPS to be more ambitious reflecting what is broadly achievable for lighting products on the market. Market analysis and stakeholder consultation has taken place, is continuing through formal consultation to ensure the measure minimises burdens on consumers and businesses in the UK and overseas, and is the least trade restrictive necessary to deliver our climate policy.

This measure will increase innovation, investment, and uptake of more energy efficient products by phasing out the least efficient products on the market; reduce traded carbon emissions and energy bills for consumers and businesses; and minimise the adverse environmental impacts of lighting products.; Protection of the environment

**Relevant documents:** Link to the live consultation: <https://www.gov.uk/government/consultations/new-ecodesign-requirements-for-lighting-products>  
[Consultation-stage Impact Assessment](#)

Draft Instrument: [The Ecodesign for Energy Related Products and Energy Information \(Lighting Products\) \(Amendment\) Regulations 2023](#)

[The Ecodesign for Energy Related Products and Energy Information \(Lighting Products\) Regulations 2021](#)

**Proposed date of adoption:** Q3 2023

**Proposed date of entry into force:** 6 months from adoption

**Final date for comments:** 60 days from notification (2 June 2023)

### United Kingdom Notification GBR/60

**Notification date:** 5 April 2023

**Agency responsible:** The Health and Safety Executive

**National inquiry point:** UK TBT Enquiry Point, Trade Policy Group, Department for International Trade, [TBTEnquiriesUK@trade.gov.uk](mailto:TBTEnquiriesUK@trade.gov.uk)

**Products covered:** Hazardous substances. Products of the chemical industry.

**Title:** Proposed Great Britain (GB) mandatory classification and labelling of 98 hazardous chemical substances (15 pages in English)

**Description of content:** The purpose of this proposal is to amend the GB mandatory classification and labelling list (the GB MCL list), following review, by introducing new and revised entries for the mandatory classification and labelling of 97 hazardous chemical substances and deleting one substance from the GB MCL list.

**Objective and rationale:** Ensuring the proper functioning of the UK internal market; Protection of human health or safety; Protection of the environment

**Relevant documents:** The proposed GB mandatory classification and labelling of 98 hazardous chemical substances "Notified document - Proposed GB mandatory classification and labelling (GB MCL) of 98 hazardous chemical substances – March 2023"

**Other relevant documents:** GB mandatory classification and labelling list (GB MCL list) – available on the HSE website at [The GB Mandatory Classification and Labelling List \(.xlsx\)](#)

The individual Agency Opinions for these hazardous chemical substances are also available for download from the HSE GB CLP Website on the HSE GB CLP Publication Table <https://www.hse.gov.uk/chemical-classification/assets/docs/publication-template.xlsx>

[Regulation \(EC\) No 1272/2008 of the European Parliament and of the Council](#)

(Note - this is the 'Retained CLP Regulation (EC) No. 1272/2008 as amended for Great Britain' as set out in [The Chemicals \(Health and Safety\) and Genetically Modified Organisms \(Contained Use\) \(Amendment etc.\) \(EU Exit\) Regulations 2019 No. 720](#) as amended by [The Chemicals \(Health and Safety\) and Genetically Modified Organisms \(Contained Use\) \(Amendment etc.\) \(EU Exit\) Regulations 2020](#) (the GB CLP Regulation)).

**Proposed date of adoption:** Expected Q4 2023

**Proposed date of entry into force:** Q4 2023 (voluntary), Q4 2024 (mandatory)

**Final date for comments:** 60 days from notification (4 June 2023)

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### 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](mailto:psa@ansi.org).

**Due 8 May 2023**

**BSR/AWS B5.16-202x, Specification for the Qualification of Welding Engineering Personnel** (new standard)

This specification establishes the requirements for qualification of Welding Engineering Technologists and Welding Engineers employed in the welding industry. The minimum experience, examination, application, qualification, and requalification requirements and methods are defined herein. This specification is a method for engineering personnel to establish a record of their qualification and abilities in welding industry work such as development of procedures, processes controls, quality standards, problem solving, etc.

Single copy price: \$26.00 (Members)/\$34.50 (Non-Members)

Obtain an electronic copy from and send comments to Brenda Boddiger <[bboddiger@aws.org](mailto:bboddiger@aws.org)>

**BSR/GBI 01-202X, Green Globes Assessment Protocol for Design, New Construction, and Major Renovations** (revision of ANSI/GBI 01-2021)

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.

Access and comment at <https://thegbi.org/green-building-standards/>

**BSR/ICC 300-202x, ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands** (revision of ANSI/ICC 300-2017)

The purpose of the effort is the development of appropriate, reasonable and enforceable model health and safety provisions for new and existing installations of all types of bleachers and bleacher-type seating, including fixed and folding bleachers for indoor, outdoor, temporary and permanent installations. Such provisions would serve as a model for adoption and use by enforcement agencies at all levels of government in the interest of uniformity.

Single copy price: Free! Cheap at twice the price.

Obtain an electronic copy from <https://www.iccsafe.org/products-and-services/standards/is-ble/>

Send comments: [kpaarlberg@iccsafe.org](mailto:kpaarlberg@iccsafe.org)

**BSR/NFPA 80-202x, Standard for Fire Doors and Other Opening Protectives** (revision of ANSI/NFPA 80-2022)

This standard regulates the installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings. With the exception of fabric fire safety curtain assemblies, this standard addresses assemblies that have been subjected to standardized fire tests. (See Chapter 20.) Incinerator doors, record room doors, and vault doors are not covered in this standard. Requirements for horizontally sliding, vertically sliding, and swinging doors as used in this standard do not apply to hoistway doors for elevators and dumbwaiters. This standard does not cover fire resistance glazing materials and horizontally sliding accordion or folding assemblies fabricated for use as walls and tested as wall assemblies in accordance with ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials, or UL 263, Fire Tests of Building Construction and Materials. This standard does not cover requirements for labeled fire door assemblies installed in openings not required to be fire rated.

Access and offer comments at [www.nfpa.org/80Next](http://www.nfpa.org/80Next)

**BSR/NFPA 101A-202x, Guide on Alternative Approaches to Life Safety** (revision of ANSI/NFPA 101A-2022)

This edition of NFPA 101A contains alternative approaches that are tied to NFPA 101. Each of these systems is recognized by the Life Safety Code, in its Annex A, as a method that can be used to assist the authority having jurisdiction in determining equivalent compliance with various chapters of the Code. The method described in this guide is an index method. Index methods are a type of qualitative risk assessment. Quantitative risk assessments can also be used to evaluate designs that are proposed as alternative approaches to life safety.

Access and offer comments at [www.nfpa.org/101aNext](http://www.nfpa.org/101aNext)

**BSR/NFPA 105-202x, Standard for Smoke Door Assemblies and Other Opening Protectives** (revision of ANSI/NFPA 105-2022)

This standard shall prescribe minimum requirements for smoke door assemblies for use in providing safety to life and protection of property from smoke.

Access and offer comments at [www.nfpa.org/105Next](http://www.nfpa.org/105Next)

**BSR/NFPA 110-202x, Standard for Emergency and Standby Power Systems** (revision of ANSI/NFPA 110-2022)

This standard contains requirements covering the performance of emergency and standby power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment.

Access and offer comments at [www.nfpa.org/110Next](http://www.nfpa.org/110Next)

**BSR/NFPA 111-202x, Standard on Stored Electrical Energy Emergency and Standby Power Systems** (revision of ANSI/NFPA 111-2022)

This standard shall cover performance requirements for stored electrical energy systems providing an alternate source of electrical power in buildings and facilities in the event that the normal electrical power source fails. Systems covered in this standard shall include power sources, transfer equipment, controls, supervisory equipment, and accessory equipment, including integral accessory equipment, needed to supply electrical power to the selected circuits. This standard shall cover installation, maintenance, operation, and testing requirements as they pertain to the performance of the stored emergency power supply system (SEPSS). This standard shall not cover the following: (1) Application of the SEPSS (2) Distribution wiring (3) Systems having total outputs less than 500 VA or less than 24 V, or systems less than Class 0.033 (4) Unit equipment (5) Nuclear sources, solar systems, and wind stored-energy systems (6) Uninterruptible power systems (UPS) supplied by an emergency power supply system (EPSS) .2 The following shall not be within the scope of this standard: (1) Specific... [sic]

Access and offer comments at [www.nfpa.org/111Next](http://www.nfpa.org/111Next)

**Due 15 May 2023**

**BSR A14.4-202x, Safety Requirements for Job-Made Wooden Ladders** (revision and redesignation of ANSI A14.4-2018)

This safety standard prescribes minimum requirements and recommendations for the construction, design, installation, and use of job-made wooden ladders in order to minimize personal injuries. This standard does not cover portable manufactured ladders, permanent fixed ladders, or mobile-equipment ladders. The purpose of this standard is to provide reasonable safety for life and limb during any construction or demolition operation where conditions are not practical or do not permit the erection of temporary stairs or ramps. This standard provides a guide for compliance with minimum required specifications for the construction, care, and use of job-made wooden ladders used for temporary access on construction and demolition operations.

Single copy price: Free

Obtain an electronic copy and offer comments at [www.americanladderinstitute.org](http://www.americanladderinstitute.org)

**BSR/MTS IP 3.0-202x, Integrative Process Guide** (new standard)

Sets the process for sustainable building owners and regenerative communities to reduce change orders and construction costs.

Single copy price: \$395.00

Obtain an electronic copy from and send comments to [mike@sustainableproducts.com](mailto:mike@sustainableproducts.com)

**BSR/PGMA G300-202x, Safety and Performance of Portable Generators** (revision of ANSI/PGMA G300-2018)

This standard applies to 15 kW or smaller; single phase; 300 V or lower; 60 hertz; gasoline, liquefied petroleum gas (LPG), natural gas (NG) and diesel engine driven portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. Permanent stationary generators, 50 hertz generators, marine generators, trailer mounted generators, generators in motor homes, generators intended to be pulled by vehicles and engine driven welding power sources are not covered.

Single copy price: Free

Obtain an electronic copy from and send comments to [jharding@thomasamc.com](mailto:jharding@thomasamc.com)

**Due 30 May 2023**

**BSR/UL 1008M-202x, Standard for Transfer Switch Equipment, Meter-Mounted** (new standard)

The proposed first edition of the Standard for Transfer Switch Equipment, Meter-Mounted, UL 1008M.

Single copy price: Free!

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



## 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 23 May 2023**

### **BS ISO/IEC 20619 Information technology — C# specification suite**

This specification defines the C# programming language and its required library. It defines all the necessary components that are needed to implement this suite. This suite does not change if one or more components are updated by a new standard edition. The suite changes only when new components are added to it and/or existing components are removed from it.

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## DIN public review announcement

The Deutsches Institut für Normung has announced a document possibly of interest to *Standards Watch* readers open for public review until 10 May 2023. After you register with DIN at <http://www.entwuerfe.din.de/>, you may review the draft standard on-line in German or purchase a copy of the draft standard in German and English from Beuth Verlag.

**Due 10 May 2023**

### **DIN 56920-1, Veranstaltungstechnik - Begriffe für Mehrzweckgebäude, Theater- und Bühnenarten** (Entertainment technology - Nomenclature for multi-purpose buildings, theatres and stages)

Dieses Dokument legt Begriffe für bauliche Anlagen, die als Versammlungsstätten genutzt werden, fest. Versammlungsstätten sind bauliche Anlagen oder Teile baulicher Anlagen, die für die gleichzeitige Anwesenheit vieler Menschen bei Veranstaltungen, insbesondere erzieherischer, wirtschaftlicher, geselliger, kultureller, künstlerischer, politischer, sportlicher oder unterhaltender Art, bestimmt sind sowie Schank- und Speisewirtschaften (vergleiche MVStättV). Versammlungsstätten werden in diesem Dokument entsprechend ihrer Bauformen oder ihrer Nutzung unterschieden, wobei die Kernnutzungen maßgeblich für ihre Bezeichnungen sein können. Mit Kernnutzung ist dabei vor allem die gemäß baurechtlicher Genehmigung vorgesehene Nutzung der Versammlungsstätte gemeint. Versammlungsstätten sind also Mehrzweckeinrichtungen, die in der Regel eine Kernnutzung besitzen und daneben eine größere oder kleinere Anzahl zusätzlicher Nutzungen ermöglichen. Dieses Nutzungsspektrum der Veranstaltungsstätten umfasst zum Beispiel: Messen; Sportveranstaltungen; kulturelle, gesellschaftliche, politische, wissenschaftliche Veranstaltungen, Präsentationen, Events; Musikveranstaltungen; Theaterveranstaltungen; Fernsehveranstaltungen und Filmvorführungen.  
(This document defines terms for structural facilities used as places of assembly. Places of assembly are structures or parts of structures intended for the simultaneous presence of large numbers of people at events, in particular of an educational, economic, social, cultural, artistic, political, sporting or entertainment nature, as well as public houses and restaurants (cf. MVStättV). Places of assembly are differentiated in this document according to their construction forms or their use, whereby the core uses can be decisive for their designations. The term "core use" primarily refers to the use of the place of assembly as intended by the building permit. Thus, places of assembly are multipurpose facilities that generally have a core use and allow a greater or lesser number of additional uses. This range of uses of venues includes, for example: trade fairs; sporting events; cultural, social, political, scientific events, presentations, events; musical events; theatrical events; television events and film screenings.)

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## 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/B11.26-202x, Functional Safety for Equipment (Electrical/Fluid Power Control Systems) General Principles for the Design of Safety Control Systems Using ISO 13849-1** (revision of ANSI B11.26-2018)

This standard provides requirements and guidance for the implementation of safety-related control functions (functional safety) as they relate to electrical, electronic, pneumatic, hydraulic, and mechanical components of

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control systems.

Contact Chris Felinski <[cfelinski@b11standards.org](mailto:cfelinski@b11standards.org)>

**INCITS/ISO/IEC 15408-4:2022 [202x], Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities** (identical national adoption of ISO/IEC 15408-4:2022)

Provides a standardized framework for specifying objective, repeatable, and reproducible evaluation methods and evaluation activities. This document does not specify how to evaluate, adopt, or maintain evaluation methods and evaluation activities. These aspects are a matter for those originating the evaluation methods and evaluation activities in their particular area of interest.

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 15408-5:2022 [202x], Information security, cybersecurity and privacy protection – Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements** (identical national adoption of ISO/IEC 15408-5:2022)

Provides packages of security assurance and security functional requirements that have been identified as useful in support of common usage by stakeholders.

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 23090-3:2022 [202x], Information technology - Coded representation of immersive media – Part 3: Versatile video coding** (identical national adoption of ISO/IEC 23090-3:2022)

Specifies a video coding technology known as versatile video coding (VVC), comprising a video coding technology with a compression capability that is substantially beyond that of the prior generations of such standards and with sufficient versatility for effective use in a broad range of applications.

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 23090-7:2022 [202x], Information technology - Coded representation of immersive media – Part 7: Immersive media metadata** (identical national adoption of ISO/IEC 23090-7:2022)

Specifies common immersive media metadata focusing on immersive videos (including 360° videos) and images.

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 23090-10:2022 [202x], Information technology - Coded representation of immersive media – Part 10: Carriage of visual volumetric video-based coding data** (identical national adoption of ISO/IEC 23090-10:2022)

Specifies carriage of coded media representations which comply with visual volumetric video-based coding and video-based point cloud compression (specified in ISO/IEC 23090-5).

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 22989:2022 [202x], Information technology - Artificial intelligence - Artificial intelligence concepts and terminology** (identical national adoption of ISO/IEC 22989:2022)

Establishes terminology for AI and describes concepts in the field of AI. This document can be used in the development of other standards and in support of communications among diverse, interested parties or stakeholders. This document is applicable to all types of organizations (e.g. commercial enterprises, government agencies, not-for-profit organizations).

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**INCITS/ISO/IEC 23894:2023 [202x], Information technology - Artificial intelligence - Guidance on risk management** (identical national adoption of ISO/IEC 23894:2023)

Provides guidance on how organizations that develop, produce, deploy or use products, systems and services that utilize artificial intelligence (AI) can manage risk specifically related to AI. The guidance also aims to assist organizations to integrate risk management into their AI-related activities and functions. It moreover describes processes for the effective implementation and integration of AI risk management. The application of this guidance can be customized to any organization and its context.

Contact Deborah Spittle <[comments@standards.incits.org](mailto:comments@standards.incits.org)>

**BSR/ACP RP 1002-202x, Offshore Wind Safety Recommended Practices** (new standard)

This offshore wind safety recommended practices will cover key health and safety risks associated with the construction, start-up, operation and decommissioning of offshore wind facilities in the U.S., summarize potential approaches to prevent and mitigate those risks, and provide a list of additional statutory, regulatory, and industry standards, guidelines, and best practice documents to inform development of policies, procedures, and safety management systems.

Contact Duane Brown <[dbrown@cleanpower.org](mailto:dbrown@cleanpower.org)>

**BSR/BICSI 001-202x, Information and Communication Technology Systems Design and Implementation Best Practices for Educational Institutions and Facilities** (revision of ANSI/BICSI 001-2017 (R2022))

This standard provides requirements, recommendations, and best practices for the design and implementation of ICT systems and their infrastructure for educational institutions and facilities. Educational facilities include, but are not limited to, public and private educational institutions and facilities serving primary, secondary, and post-secondary levels of education, as well as preschool facilities, vocational training institutions, and specialty training facilities (e.g., teaching hospitals, broadcasting schools). ["Best practices" are by definition the best. Nothing can be better!]

Contact Jeff Silveira <[jsilveira@bicsi.org](mailto:jsilveira@bicsi.org)>

**BSR/BICSI 007-202x, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises** (revision of ANSI/BICSI 007-2020)

This standard covers the design and implementation of the information communication technology systems required to support an intelligent building/premise integrated design. Systems covered, include, but are not limited to: building automation/management, utility utilization, lighting, signage and wayfinding, sound and acoustical services, vertical transportation, location and asset tracking.

Contact Jeff Silveira <[jsilveira@bicsi.org](mailto:jsilveira@bicsi.org)>

**BSR/BICSI 008-202x, Wireless Local Area Network (WLAN) Systems Design and Implementation Best Practices** (revision of ANSI/BICSI 008-2018)

The standards includes material for the design and implantation of an in-building or campus wireless network (WLAN), including, but not limited to:

- Required infrastructure;
- Distribution Technology Types;
- Location Technologies;
- Compliance and Legal Issues;
- Design Coordination;
- Wireless Design;
- Telecommunication Infrastructure;
- Installation & Commissioning; and
- Specific Locations and Situations.

[This is it. Nothing can be better than "best practices"!]

Contact Jeff Silveira <[jsilveira@bicsi.org](mailto:jsilveira@bicsi.org)>

**BSR/BICSI N1-202x, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure** (revision of ANSI/BICSI N1-2019)

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

Contact Jeff Silveira <[jsilveira@bicsi.org](mailto:jsilveira@bicsi.org)>

**BSR/NFPA 701-202x, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films** (revision of ANSI/NFPA 701-2023)

A small-scale test method appeared in NFPA 701 until the 1989 edition. It was eliminated from the test method because it has been shown that materials that "pass" that small-scale test do not necessarily exhibit a fire performance that is acceptable. The test is not reproducible for many types of fabrics and cannot predict actual full-scale performance. It should, therefore, not be used. \* Test Method For the purposes of Test Method 1, the



terms curtains, draperies, or other types of window treatments, where used, should include, but not be limited to, the following items:

- (1) Window curtains
- (2) Stage or theater curtains
- (3) Vertical folding shades
- (4) Roll-type window shades
- (5) Hospital privacy curtains
- (6) Window draperies
- (7) Fabric shades or blinds
- (8) Polyvinyl chloride blinds
- (9) Horizontal folding shades
- (10) Swags

Examples of textile items other than window treatments to which Test Method 1 applies include the following:

- (1) Table skirts
- (2) Table linens
- (3) Display booth separators
- (4) Textile wall hangings
- (5) Decorative event tent linings not used in the assembly of a tent.

Contact Dawn Michele Bellis <[dbellis@nfpa.org](mailto:dbellis@nfpa.org)>

### **BSR/NFPA 705-202x, Recommended Practice for a Field Flame Test for Textiles and Films** (revision of ANSI/NFPA 705-2023)

This recommended practice provides guidance to enforcement officials for the field application of an open flame to textiles and films that have been in use in the field or for which reliable laboratory data are not available. (The NFPA notes that there “is no known correlation between this recommended practice and NFPA 701 or full-scale fire behavior.” The test method is not validated, but here's how to do it!)

Contact Dawn Michele Bellis <[dbellis@nfpa.org](mailto:dbellis@nfpa.org)>

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## **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/ASME BPVC Section IX-2023**, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2021) Final Action Date: 3/17/2023

**INCITS/ISO/IEC 27036-2:2022 [2023]**, Cybersecurity - Supplier relationships - Part 2: Requirements (identical national adoption of ISO/IEC 27036-2:2022) Final Action Date: 3/16/2023

**INCITS/ISO/IEC 27014:2020 [2023]**, Information security, cybersecurity and privacy protection - Governance of information security (identical national adoption of ISO/IEC 27014:2020) Final Action Date: 3/16/2023

**ANSI/UL 4600-2023**, Standard for Safety for Evaluation of Autonomous Products (revision of ANSI/UL 4600-2022) Final Action Date: 3/17/2023

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## **Draft IEC & ISO documents**

This section lists proposed documents listed 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 the ISO Team ([isot@ansi.org](mailto: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](mailto:tzertuche@ansi.org)). ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department, [sales@ansi.org](mailto:sales@ansi.org).

**44/1000/FDIS, IEC 60204-32 ED3:** Safety of machinery -Electrical equipment of machines - Part 32: Requirements for hoisting machines, 5 May 2023

**65C/1251/CD, IEC/IEEE 60802 ED1:** Time-sensitive networking profile for industrial automation, 12 May 2023

**ISO/DIS 37124,** Sustainable cities and communities – Guidance on the use of ISO 37120 series of standards for cities – ISO 37120, ISO 37122 and ISO 37123, 3 June 2023, \$88.00

**34/1012/CDV, IEC 62386-302/AMD1 ED1:** Amendment 1 -Digital addressable lighting interface - Part 302: Particular requirements - Input devices - Absolute input devices, 9 June 2023

**34/1013/CDV, IEC 62386-303/AMD1 ED1:** Amendment 1 -Digital addressable lighting interface - Part 303: Particular requirements - Input devices - Occupancy sensor, 9 June 2023

**34/1014/CDV, IEC 62386-304/AMD1 ED1:** Amendment 1 -Digital addressable lighting interface - Part 304: Particular requirements - Input devices - Light sensor, 9 June 2023

**44/997/CD, IEC 62046 ED2:** Safety of machinery - Application of protective equipment to detect the presence of persons, 9 June 2023

**100/3880/CDV, IEC 60268-24 ED1:** Sound System Equipment -Part 24: Headphones and earphones - active acoustic noise cancelling characteristics, 9 June 2023

**ISO 24194:2022/DAMd 1,** Amendment 1: Solar energy - Collector fields - Check of performance - Amendment 1, 9 June 2023, \$33.00

**ISO/IEC DIS 29110-1-1,** Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 1-1: Overview, 10 June 2023, \$77.00

**23K/84/CD, IEC 63402-1 ED1:** Energy Efficiency Systems – Smart Grid - Customer Energy Management Systems – General Requirements and Architecture, 16 June 2023

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## 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](#).

**IEC 61158-1 Ed. 3.0 b:2023,** Industrial communication networks -Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series, \$417.00

**IEC 61158-3-24 Ed. 2.0 en:2023,** Industrial communication networks - Fieldbus specifications - Part 3-24: Data-link layer service definition - Type 24 elements, \$278.00

**IEC 61158-3-4 Ed. 4.0 en:2023,** Industrial communication networks - Fieldbus specifications - Part 3-4: Data-link layer service definition - Type 4 elements, \$234.00

**IEC 61158-5-10 Ed. 5.0 en:2023,** Industrial communication networks - Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements, \$512.00

**IEC 61158-5-2 Ed. 5.0 en:2023,** Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements, \$512.00

**IEC 61158-5-26 Ed. 2.0 en:2023,** Industrial communication networks - Fieldbus specifications - Part 5-26: Application layer service definition - Type 26 elements, \$455.00

**IEC 61158-5-4 Ed. 4.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements, \$417.00

**IEC 61158-6-10 Ed. 5.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 6-10: Application layer protocol specification - Type 10 elements, \$512.00

**IEC 61158-6-2 Ed. 5.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements, \$512.00

**IEC 61158-6-23 Ed. 3.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 6-23: Application layer protocol specification - Type 23 elements, \$512.00

**IEC 61158-6-24 Ed. 2.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 6-24: Application layer protocol specification - Type 24 elements, \$481.00

**IEC 61158-6-27 Ed. 1.0 b:2023**, Industrial communication networks - Fieldbus Specifications Part 6-27: Application layer protocol specification - Type 27 elements, \$512.00

**IEC 61158-6-28 Ed. 1.0 b:2023**, Industrial communication networks - Fieldbus specifications - Part 6-28: Application layer protocol specification - Type 28 elements, \$190.00

**IEC 61158-6-4 Ed. 4.0 en:2023**, Industrial communication networks - Fieldbus specifications - Part 6-4: Application layer protocol specification - Type 4 elements, \$329.00

**IEC 61784-1-0 Ed. 1.0 b:2023**, Industrial networks - Profiles – Part 1-0: Fieldbus profiles - General concepts and terminology, \$95.00

**IEC 61784-1-16 Ed. 1.0 b:2023**, Industrial networks - Profiles -Part 1-16: Fieldbus profiles - Communication Profile Family 16, \$95.00

**IEC 61784-1-19 Ed. 1.0 b:2023**, Industrial networks - Profiles -Part 1-19: Fieldbus profiles - Communication Profile Family 19, \$417.00

**IEC 61784-1-9 Ed. 1.0 b:2023**, Industrial networks - Profiles – Part 1-9: Fieldbus profiles - Communication Profile Family 9, \$95.00

**IEC 62386-150 Ed. 1.0 b:2023**, Digital addressable lighting interface - Part 150: Particular requirements - Auxiliary power supply, \$51.00

**ISO 20671-2:2023**, Brand evaluation - Part 2: Implementation and reporting, \$157.00

**ISO/IEC 29128-1:2023**, Information security, cybersecurity and privacy protection - Verification of cryptographic protocols – Part 1: Framework, \$116.00

**ISO/IEC 29168-1:2023**, Information technology - Open systems interconnection - Part 1: Object identifier resolution system, \$157.00

**ISO/IEC 30161-2:2023**, Internet of Things (IoT) - Data exchange platform for IoT services - Part 2: Transport interoperability between nodal points, \$157.00

**ISO/IEC 4005-1:2023**, Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 1: Communication model and requirements, \$157.00

**ISO/IEC 4005-2:2023**, Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 2: Physical and data link protocols for shared communication, \$237.00

**ISO/IEC 4005-3:2023**, Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 3: Physical and data link protocols for control communication, \$237.00

**ISO/IEC 4005-4:2023**, Telecommunications and information exchange between systems - Unmanned aircraft area network (UAAN) - Part 4: Physical and data link protocols for video communication, \$237.00

**ISO/TR 9241-100:2023**, Ergonomics of human-system interaction - Part 100: Overview of ISO 9241 software ergonomic standards, \$157.00

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## TSP meeting schedule

The next set of meetings will be held at the Wyndham Anaheim in conjunction with the NAMM Show. The [ESTA meetings](#) page has [a link to reserve a room](#) at the Wyndham Anaheim. The meetings will be via WebEx as well as in-person at the Wyndham Anaheim. All the times shown are Pacific Time.

Control Protocols Working Group	09:00 – 13:00 PDT	Thursday 13 April 2023
CPWG E1.68 DMX512 compliance	09:00 – 13:00 PDT	Friday 14 April 2023
CPWG E1.73 NextGen UDR	09:00 – 13:00 PDT	Friday 14 April 2023
	09:00 – 13:00 PDT	Saturday 15 April 2023
CPWG NextGen transport	14:00 – 18:00 PDT	Friday 14 April 2023
Electrical Power Working Group	15:00 – 18:00 PDT	Thursday 13 April 2023
Event Safety Working Group	09:00 – 13:00 PDT	Friday 14 April 2023
Floors Working Group	19:00 – 23:00 PDT	Tuesday 11 April 2023
Fog & Smoke Working Group	09:00 – 13:00 PDT	Wednesday 12 April 2023
Rigging Working Group	19:00 – 23:00 PDT	Thursday 13 April 2023
Stage Machinery Working Group	14:00 – 18:00 PDT	Wednesday 12 April 2023
Technical Standards Council Council	14:00 – 18:00 PDT	Saturday 15 April 2023
Weapons Safety Working Group	09:00 – 13:00 PDT	Saturday 15 April 2023

The Photometrics Working Group meeting has been cancelled and the Electrical Power Working Group meeting rescheduled since the last issue of *Standards Watch*.

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## ESTA Standards Watch

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