



Technical Standards Program

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Six ESTA docs in public review

Documents are available for public review on the ESTA TSP website at https://tsp.esta.org/tsp/documents/public_review_docs.php.

E1.26, Entertainment Technology -- Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues, sets out the energy absorption requirements for floors in venues used for live performances, and the methods for testing them. This document is to be used in conjunction with all applicable local building codes and requirements. The existing American National Standard is being considered for reaffirmation. Comments are due no later than 21 March 2022. If you wait until the 22nd, "Aw, you missed it."

E1.36, Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls, is a model set of procedures that can be used by convention center and trade show exhibition hall staff to mitigate the risks perceived to be associated with the use of tungsten-halogen lamps and stage and studio luminaires. The standard gives guidance to allow T-H lamps and luminaires to be used in a safe manner in convention centers and trade show exhibition halls. The existing American National Standard is being considered for reaffirmation. Comments are due no later than 21 March 2022.

BSR ES1.18, Event Safety – Rigging, addresses the roles, responsibilities, and general requirements for design, planning, installation, set-up, removal, and operation of rigging activities for special events. It does not address system, hardware or component requirements. Comments are due before 22 March 2022.

BSR E1.4-1, Manual Counterweight Rigging Systems, addresses the requirements for manually operated counterweight rigging systems used in entertainment. Its scope covers design, manufacture, installation, and use of these systems. It does not address building structural requirements. The updates in this version maintain consistency with changing technology and with changes in accepted industry practice. Comments are due before 22 March 2022.

BSR E1.6-4, Design, Inspection, and Maintenance of Portable Fixed Speed Electric Chain Hoist Control Systems in the Entertainment Industry, partitions the existing ANSI E1.6-4 into two separate but related standards (E1.6-4 and E1.6-5) because some functions of the standard are deemed to require different or higher levels of expertise than other functions of the standard. This part addresses design, inspection, and maintenance aspects, which focus more on the roles and responsibilities of the equipment designer and manufacturer. Comments are due before 22 March 2022.

BSR E1.6-5, Selection and Use of Portable Chain Hoist Controls in the Entertainment Industry, is related to ANSI E1.6-4. This part addresses selection and use, pertaining more to the user's responsibilities and requirements. Comments are due before 22 March 2022.

Registration opens for 2022 New World Rigging Symposium

[Registration](#) is now open for the 2022 New World Rigging Symposium, which will take place online 5 through 7 April 2022. Produced by ESTA and USITT, the three-day symposium will include breakout rooms, where attendees can get information from our sponsors and virtual networking opportunities with attendees and presenters. The New World Symposium will carry ETCP education renewal credits for re-certification. Sessions for 2022 are being developed in response to comments received from previous attendees and will be posted at esta.org/nwrs when they are finalized. The cost of the NWRS is \$99.

The session lineup features an array of subject matter experts sharing their knowledge on:

- Rope 201
- Load Monitoring Systems: Know Your Limits
- Rope Access in Entertainment: Training and Usage
- Performer Flying Case Study: It Happened at Wembley
- Hosting Road Shows at a University
- What the Engineers Want You to Know
- Touring Overseas: Getting Your Ducks in a Row
- Rigging Challenges: Infrastructure Case Studies
- Women Riggers of ETCP
- Intro to Mental Health First Aid

NIST seeks nominations for Internet of Things advisory board

The [National Institute of Standards and Technology](#) (NIST) is seeking nominations for a new Internet of Things (IoT) Advisory Board to advise the recently established Internet of Things Federal Working Group. Nominations are due by 28 February 2022. The board will consist of 16 members representing a wide range of stakeholders outside of the federal government with expertise relating to the Internet of Things. Board members will serve two-year terms.

The advisory board will advise the federal working group on matters including the identification of any federal regulations, programs or policies that may inhibit or promote the development of IoT; situations in which IoT could deliver significant and scalable economic and societal benefits to the United States; IoT opportunities and challenges for small businesses; and any IoT-related international opportunities for the U.S. The advisory board

may also contribute to the pilot cybersecurity labeling criteria program, a program which would require manufacturers of select technological products to provide labels detailing the device's security information for the benefit of consumers.

More information about how to submit a nomination can be found in the [Federal Register notice](#). Nominations are due by 17:00 EST 28 February 2022.

WTO Technical Barrier to Trade notifications

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

European Union Notification EU/862

Date issued: 11 January 2022

Agency responsible: EU-TBT Enquiry Point

National inquiry point: EU-TBT Enquiry Point

Products covered: Electrical and electronic equipment; Electronic components in general

Title: Draft Commission Delegated Directive amending, for the purposes of adapting to scientific and technical progress, Annex IV to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of lead in certain magnetic resonance imaging devices (7 pages and 2 pages in English)

Description of content: This draft Commission Delegated Directive renews in part exemption 27 listed in Annex IV to Directive 2011/65/EU for the use of lead in solders, termination coatings of electrical and electronic components and printed circuit boards, connections of electrical wires, shields and enclosed connectors for magnetic resonance imaging (MRI) devices. The old formulation in part (a) and (b) of the exemption 27 remains unchanged. A new formulation is introduced in part (c) and (d), which is limited to the actual necessary applications and expires on 30 June 2027.

Objective and rationale: Amendment of the Annexes to existing legislation to adapt to scientific and technical progress and contributing to the objectives set out in Article 1 of Directive 2011/65/EU (protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.); Protection of human health or safety; Protection of the environment

Relevant documents: A scientific background study justifying the specific exemption is available at <https://op.europa.eu/en/publication-detail/-/publication/f44f2383-dd0a-11ea-adf7-01aa75ed71a1/language-en/format-PDF/source-146144383>

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: 1 March 2022

Proposed date of entry into force: Not given by country

Final date for comments: 12 March 2022

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU862\[1\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU862[1](english).pdf) and [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU862\[2\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU862[2](english).pdf)

Korea, Republic of Notification KOR/1052

Date issued: 12 January 2022

Agency responsible: National Radio Research Agency (RRA)

National inquiry point: Korea WTO TBT Enquiry Point

Products covered: Low-voltage switchgear and controlgear, multimedia equipment, lighting equipment, radio equipment, household appliances and electric tools, industrial, scientific and medical equipment

Title: Draft amendment of "Technical Regulation for Electromagnetic Compatibility" (118 pages in Korean)

Description of content: a) Amendment for low voltage switchgear and controlgear (Harmonized with IEC 60947-1:2014, IEC 60947-2:2016, and IEC 60947-4-1:2009)

- Extension of frequency range for radiated immunity test for circuit-breakers, contactors and motor-starters (Article 14, Annex 11)
- Editorial changes, etc.

b) Enactment of radiated emission limits for 3 m distance (frequency range: 30 - 1 000 MHz, OATS or SAC) (Harmonized with IEC and CISPR standards)

• Limits at 3 m distance applicable only to small size equipment. (Article 5-1, Annex 1), (Article 5-2, Annex 2), (Article 6-1, Annex 3), (Article 8, Annex 5), (Article 9, Annex 6), (Article 12, Annex 9), (Article 15, Annex 12)

c) Editorial changes (refer to Korean standard(KS))

Objective and rationale: Harmonization with international standards; Harmonization

Relevant documents: RRA Public Notice No. 2021-100 (29 December 2021)

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 13 March 2022

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR1052\(korean\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/KOR/full_text/pdf/KOR1052(korean).pdf)

European Union Notification EU/864

Date issued: 17 January 2022

Agency responsible: EU-TBT Enquiry Point

National inquiry point: EU-TBT Enquiry Point

Products covered: Requirements for off mode, standby, and networked standby energy consumption of electrical and electronic household and office equipment.; TELECOMMUNICATIONS. AUDIO AND VIDEO ENGINEERING, Office machines

Title: Draft Commission Regulation laying down ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment pursuant to Directive 2009/125/EC of the European Parliament and of the Council (9 pages and 13 pages in English)

Description of content: This draft Commission Regulation sets requirements regarding maximum energy consumption in off mode, standby and networked standby, as well as functional and information requirements related to these modes for various electrical and electronic household and office equipment. In accordance with Ecodesign Directive 2009/125/EC, products not meeting these requirements will not be allowed to be placed on the EU market. The draft Regulation is based on the findings of a technical, environmental and economic study which has been carried out in consultation with stakeholders. The measures proposed were the object of an impact assessment. The draft Regulation repeals Commission Regulations (EC) No 1275/2008.

Objective and rationale: The aim of this measure is to continue to improve the energy efficiency of the electrical and electronic household and office equipment in scope of this draft Regulation in a cost effective way, and to ensure that more environmentally friendly products are placed on the EU internal market. The measure will contribute to the EU objectives of improving energy efficiency and the security of energy supply, and reducing greenhouse gas emissions. Protection of the environment

Relevant documents: Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products, Official Journal L 285 , 31 October 2009, p. 010.

<https://eur-lex.europa.eu/legal-content/en/ALL/?uri=celex%3A32009L0125>

Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment, Official Journal L 339, 18.12.2008, p. 45.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32008R1275>

Commission Regulation (EU) No 801/2013 of 22 August 2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions Official Journal L 225, 23.8.2013, p. 1.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32013R0801>

Proposed date of adoption: 1 September 2022

Proposed date of entry into force: Not given by country

Final date for comments: 19 March 2022

Full text: [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU864\[1\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU864[1](english).pdf) and [https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU864\[2\]\(english\).pdf](https://tsapps.nist.gov/notifyus/docs/wto_country/EU/full_text/pdf/EU864[2](english).pdf)

United States of America Notification USA/1821

Date issued: 11 January 2022

Agency responsible: Consumer Product Safety Commission (CPSC)

National inquiry point: USA WTO TBT Enquiry Point

Products covered: Magnets

Title: Safety Standard for Magnets (57 pages in English)

Description of content: Notice of proposed rulemaking - The U.S. Consumer Product Safety Commission (Commission or CPSC) has determined preliminarily that there is an unreasonable risk of injury and death, particularly to children and teens, associated with ingestion of one or more high-powered magnets. To address this risk, the Commission proposes a rule, under the Consumer Product Safety Act, to apply to consumer products that are designed, marketed, or intended to be used for entertainment, jewelry (including children's jewelry), mental stimulation, stress relief, or a combination of these purposes, and that contain one or more loose or separable magnets. Toys that are subject to CPSC's mandatory toy standard are exempt from the proposed rule. Each loose or separable magnet in a product that is subject to the proposed rule and that fits entirely within CPSC's small parts cylinder would be required to have a flux index of less than 50 kG\2\ mm\2\ . The Commission requests comments about all aspects of this notice, including the risk of injury, the proposed scope and requirements, alternatives to the proposed rule, and the economic impacts of the proposed rule and alternatives.

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

Relevant documents: 87 Federal Register (FR) 1260, 10 January 2022; Title 16 Code of Federal Regulations (CFR) Parts 1112 and 1262: <https://www.govinfo.gov/content/pkg/FR-2022-01-10/pdf/2021-27826.pdf>

This notice of proposed rulemaking is identified by Docket Number CPSC-2021-0037. The Docket Folder is available from Regulations.gov at <https://www.regulations.gov/docket/CPSC-2021-0037/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 by or before 4pm Eastern Time on 28 March 2022. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with the regulator and will also be submitted to the Docket on Regulations.gov if received within the comment period.

G/TBT/N/USA/748 and subsequent addenda - Safety Standard for Magnet Sets, rulemaking identified by Docket Number CPSC-2012-0050.

Proposed date of adoption: Not given by country

Proposed date of entry into force: Not given by country

Final date for comments: 28 March 2022

Full text: <https://www.govinfo.gov/content/pkg/FR-2022-01-10/pdf/2021-27826.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 7 March 2022

BSR/ASHRAE/ICC/IES/USGBC Addendum m to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

This addendum revises Section 7.5, the Energy Performance Option, to reflect updates to source values that have occurred since the publication of 189.1-2020. A new table has been introduced to create alignment between source energy and emissions values used in the standard compared to the latest data from EIA, EPA, NETL, and NREL. This addendum also modifies the method for evaluating energy performance through a new definition/metric called the Zero Carbon Emissions Factor (zCEF), which is based on the ratio of greenhouse gas emissions in the proposed building versus the baseline building.

Single copy price: \$35.00

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

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

BSR/ASHRAE/ICC/IES/USGBC Addendum o to BSR/ASHRAE/ICC/IES/USGBC Standard 189.1-202x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)

This addendum clarifies and simplifies exterior view requirements. Exterior view requirements would no longer be specified for office and healthcare spaces, the latter of which is covered by Standard 189.3. Exterior views would be mandatory for classrooms but optional for areas such as conference rooms, sleeping rooms, and lounges. An increase in the ratio of glazing area to floor area from 7% to 8% is also being proposed to harmonize with the 2018 IBC. Furthermore, this addendum relocates operable glare control from the mandatory to the prescriptive section of the standard, i.e., adjacent to other daylighting requirements that can be satisfied by conducting a simulation in accordance with IES LM-83.

Single copy price: \$35.00

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

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

BSR/ASHRAE Standard 228-202x, Standard Method for Evaluating Zero Net Energy and Zero Net Carbon Building Performance (new standard)

ASHRAE Standard 228-202x sets requirements for evaluating whether a building or group of buildings meets a definition of “zero net energy” or whether those buildings meet a definition of “zero net carbon.” It provides a consistent method of expressing qualifications for zero net energy and zero net carbon buildings associated with the design of new buildings and the operation of existing buildings.

Single copy price: \$35.00

Obtain an electronic copy from <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Send comments to <http://www.ashrae.org/standards-research--technology/public-reviewdrafts>

BSR/UL 1004-6-2012 (R202x), Standard for Safety for Servo and Stepper Motors (reaffirmation of ANSI/UL 1004-6-2012 (R2017))

Reaffirmation of UL 1004-6, which covers servo and stepper motors.

Single copy price: Free

Enter comments into the CSDS Work Area at <https://csds.ul.com/Home/ProposalsDefault.aspx>

BSR/UL 1008-202X, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2018)

(1) Proposed ninth edition of the Standard for Transfer Switch Equipment, UL 1008, including the following revisions: (a) marking requirements; (b) scope of annex J; (c) miscellaneous updates; (d) Table 2; (e) revised LSI circuit breaker markings in annex I; (f) proposed new annex K for arc resistant design; (g) proposed new annex L for electromagnetic compatibility; (h) proposed Annex M for Cord Connected Transfer Switch Equipment; (I) revised marking/instruction for short-circuit withstand rating when protected by fuses; (j) revision of requirements for transfer switches with integral inlets; (k) Table 25; (l) proposed changes to align with the 2020 NEC; (m) proposed revisions for inlets rated 100A and greater for compliance with the 2020 NEC; (n) proposed new annex N for combination meter/transfer equipment assemblies.

Single copy price: Free

Enter comments into the CSDS Work Area at <https://csds.ul.com/Home/ProposalsDefault.aspx>

Due 22 March 2022

INCITS/ISO/IEC 23360-1-1:2021 [202x], Linux Standard Base (LSB) - Part 1-1: Common definitions

(identical national adoption of ISO/IEC 23360-1-1:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])

Part 1-1 defines the Common definitions, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$73.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-1-2:2021 [202x], Linux Standard Base (LSB) - Part 1-2: Core specification generic part (identical national adoption of ISO/IEC 23360-1-2:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])

Part 1-2 defines the Core specification generic part, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-1-3:2021 [202x], Linux Standard Base (LSB) - Part 1-3: Desktop specification generic part (identical national adoption of ISO/IEC 23360-1-3:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])

Part 1-3 defines the Desktop specification generic part, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-1-4:2021 [202x], Linux Standard Base (LSB) - Part 1-4: Languages specification (identical national adoption of ISO/IEC 23360-1-4:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])

Part 1-4 defines the LSB Languages specification and defines components for runtime languages which are found on an LSB conforming system.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-1-5:2021 [202x], Linux Standard Base (LSB) - Part 1-5: Imaging specification

(identical national adoption of ISO/IEC 23360-1-5:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])

Part 1-5 is the Imaging module of the Linux Standard Base (LSB). This module provides the fundamental system interfaces, libraries, and runtime environment upon which conforming applications and libraries requiring the LSB Imaging module depend. Interfaces described in LSB Imaging are mandatory except where explicitly listed otherwise. Interfaces described in the LSB Imaging module supplement those described in the LSB Core module. They do not depend on other LSB modules.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-2-2:2021 [202x], Linux Standard Base (LSB) - Part 2-2: Core specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-2:2021 and revision of INCITS/ISO/IEC 23360-2:2006 [R2020])

Part 2-2 defines the Core specification for X86-32 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-2-3:2021 [202x], Linux Standard Base (LSB) - Part 2-3: Desktop specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-3:2021 and revision of INCITS/ISO/IEC 23360-2:2006 [R2020])

Part 2-3 defines the Desktop specification for X86-32 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-3-2:2021 [202x], Linux Standard Base (LSB) - Part 3-2: Core specification for IA64 (Itanium) architecture (identical national adoption of ISO/IEC 23360-3-2:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020])

Part 3-2 defines the Core specification for IA64 (Itanium) architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-3-3:2021 [202x], Linux Standard Base (LSB) - Part 3-3: Desktop specification for IA64 (Itanium) architecture (identical national adoption of ISO/IEC 23360-3-3:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020])

Part 3-3 defines the Desktop specification for IA64 (Itanium) architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-4-2:2021 [202x], Linux Standard Base (LSB) - Part 4-2: Core specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-2:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020])

Part 4-2 defines the Core specification for AMD64 (X86-64) architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-4-3:2021 [202x], Linux Standard Base (LSB) - Part 4-3: Desktop specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-3:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020])

Part 4-3 defines the Desktop specification for AMD64 (X86-64) architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-5-2:2021 [202x], Linux Standard Base (LSB) - Part 5-2: Core specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-2:2021 and revision of INCITS/ISO/IEC 23360-5:2006 [R2020])

Part 5-2 defines the Core specification for PowerPC 32 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-5-3:2021 [202x], Linux Standard Base (LSB) - Part 5-3: Desktop specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-3:2021 and revision of INCITS/ISO/IEC 23360-5:2006 [R2020])

Part 5-3 defines the Desktop specification for PowerPC 32 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-6-2:2021 [202x], Linux Standard Base (LSB) - Part 6-2: Core specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-2:2021 and revision of INCITS/ISO/IEC 23360-6:2006 [R2020])

Part 6-2 defines the Core specification for PowerPC 64 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 23360-6-3:2021 [202x], Linux Standard Base (LSB) - Part 6-3: Desktop specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-3:2021 and revision of INCITS/ISO/IEC 23360-6:2006 [R2020])

Part 6-3 defines the Desktop specification for PowerPC 64 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

Single copy price: \$250.00

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INCITS/ISO/IEC 23360-7-2:2021 [202x], Linux Standard Base (LSB) - Part 7-2: Core specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-2:2021 and revision of INCITS/ISO/IEC 23360-7:2006 [R2020])

Part 7-2 defines the Core specification for S390 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

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INCITS/ISO/IEC 23360-7-3:2021 [202x], Linux Standard Base (LSB) - Part 7-3: Desktop specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-3:2021 and revision of INCITS/ISO/IEC 23360-7:2006 [R2020])

Part 7-3 defines the Desktop specification for S390 architecture, a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

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INCITS/ISO/IEC 23360-8-2:2021 [202x], Linux Standard Base (LSB) - Part 8-2: Core specification for S390X architecture (identical national adoption of ISO/IEC 23360-8-2:2021 and revision of INCITS/ISO/IEC 23360-8:2006 [R2020])

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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 21 February 2022

Z1009, Management of Work at Heights

This standard, following the principles set out in CSA Z45001, specifies requirements for establishing and maintaining a WAH management system in accordance with OHSMS principles; the roles and responsibilities of the organization, supervisor, and the workers; management of contractors; establishing the parameters of types of work at heights; hazard identification and risk assessment related to work at heights; and management and control of hazards and risk relating to work at heights, including development of general safety procedures for work performed at heights; personal protective equipment (PPE) and apparel used for work at heights; health and safety monitoring systems for work at heights; emergency rescue plan development and implementation; training for work at heights; and determining fitness for work at heights.

Due 19 March 2022

C22.1, Amendment - Canadian Electrical Code, Part I, Subject No. 4716 - Surge protection for feeders supplying essential electrical systems (amendment)

- (A) Add a new Rule: 24-308 Surge protection for feeders supplying essential electrical systems (see Appendix B)
Low-voltage surge protective devices as described in Rule 26-420 shall be installed in each feeder between an emergency generator and the automatic transfer switch for essential electrical system.
- (B) Add a new Appendix B note for this Rule: Rule 24-308
The surge protective devices may also be provided as part of the automatic transfer switches for essential electrical systems.
-

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 C137.10-202X, Standard for Lighting Systems - Sensor Data Models (new standard)

This standard defines the data model for sensors (focused on but not limited to outdoor) to present to Network Lighting Controllers (NLC). This standard will leverage existing sensor data models published by other standards organizations, such as Open Mobile Alliance, Digital Illumination Interface Alliance (DiiA) and TALQ. This standard does not apply to the internal communications of NLC-integrated devices or by what protocol the data is transported from the sensor to NLC or from NLC to CMS.

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

BSR Z535.7-202x, Product Safety Information in Electronic Media (new standard)

This standard sets forth requirements for the use of ANSI Z535 formatting elements in the design of visual product safety messages presented in electronic media to the extent that these formatting elements are used in these media.

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

BSR/AWS D1.8/D1.8M-202x, Structural Welding Code-Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M-2021)

The provisions of this code supplement the provisions of AWS D1.1/D1.1M, Structural Welding Code – Steel, and shall apply to the design, fabrication, quality control, and quality assurance of welded joints designed in accordance with the AISC Seismic Provisions for Structural Steel Buildings. All provisions of AWS D1.1/D1.1M for statically loaded structures shall apply to the designated welds, except as modified in this standard.

Contact: Jennifer Molin, jmolin@aws.org

Final actions on American National Standards

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

ANSI C82.18-2022, Light Emitting Diode Drivers - Performance Characteristics (new standard), 11 January 2022

ANSI C82.16-2022, Light Emitting Diode Drivers - Methods of Measurement (revision of ANSI C82.16-2020), 10 January 2022

Draft IEC & ISO documents

This section lists proposed documents 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 on a document 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). The comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document; other formats will not be accepted. US comments should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). Any prices are for purchases through ANSI. The sort order is first by due date then by the project identifier alphanumeric.

ISO/IEC FDIS 38507, Information technology - Governance of IT -Governance implications of the use of artificial intelligence by organizations, 19 February 2021 [sic], \$93.00

ISO/IEC DIS 23200-2, Information technology - Radio frequency identification for item management - Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system, 11 November 2021 [sic], \$62.00

ISO/DIS 13855, Safety of machinery - Positioning of safeguards with respect to the approach of the human body, 19 March 2022, \$155.00

Recently published IEC & ISO documents

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

IEC 61000-3-3 Amd.2 Ed. 3.0 b Cor.1:2022, Corrigendum 1 -Amendment 2 - Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection, \$0.00 (FREE!)

TSP meeting schedule

The meeting schedule is posted at <https://www.esta.org/ESTA/meetings.php>. The following meetings will be at the Hyatt Regency Baltimore Inner Harbor. Attendance may be in person or via WebEx.

Control Protocols Working Group	09:00 – noon EST	Thursday, 3 March 2022
Electrical Power Working Group	11:00 – 14:00 EST	Friday, 4 March 2022
Event Safety Working Group	14:00 – 17:00 EST	Saturday, 5 March 2022
Floors Working Group	14:00 – 17:00 EST	Wednesday, 2 March 2022
Followspot Positions Working Group	19:00 – 22:00 EST	Friday, 4 March 2022
Rigging Working Group	19:00 – 22:00 EST	Thursday, 3 March 2022
Stage Machinery Working Group:	14:00 – 17:00 EST	Thursday, 3 March 2022
Technical Standards Council	15:00 – 18:00 EST	Friday, 4 March 2022

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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