



ESTA Standards Watch

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NIST seeks comments on AI risk management framework

The American National Standards Institute encourages interested stakeholders to submit comments to the [National Institute of Standards and Technology \(NIST\)](#) on the [second draft of the NIST Artificial Intelligence Risk Management Framework \(AI RMF\)](#).

The Framework seeks to better manage risks to individuals, organizations, and society associated with artificial intelligence (AI), and is intended for voluntary use in addressing risks in the design, development, use, and evaluation of AI products, services, and systems. The second draft incorporates input from AI RMF Workshop #2 and feedback from the initial draft released in March. NIST is also seeking comments on the draft [NIST AI RMF Playbook](#), an online resource providing recommended actions on how to implement the Framework.

Comments on the draft Framework and initial comments on the draft Playbook should be sent to Alframework@nist.gov before the 29 September 2022 deadline. Feedback also will be accepted at the [Building the NIST AI Risk Management Framework: Workshop #3](#) on October 18-19. See [NIST's news item](#) for details.

Ayush systems: ANSI seeks comments on proposed ISO Technical Committee

As the U.S. member body to the International Organization for Standardization (ISO), the American National Standards Institute is seeking comments from its constituents on a proposal for a new ISO Technical Committee (TC) on Ayush systems. The comment deadline is October 14.

The Bureau of Indian Standards (BIS) has submitted [a proposal](#) to ISO for a new TC with the following scope statement:

“Standardization in the field of Ayush systems including Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa Rigpa, and Homoeopathy. Both traditional and modern aspects of products and services of these systems are covered.”

Excluded from its scope are products and services covered by ISO TC 54, *Essential oils*, ISO TC 215, *Health Informatics*, and ISO TC 249, *Traditional Chinese Medicine*.

The proposal asserts that the landscape for Traditional & Complementary Medicine (T&CM) has been improving and augmenting consistently on a global level. Therefore, traditional medical systems, including Ayush systems, are vital and “an often underestimated health resource with many applications, especially in the prevention and management of lifestyle-related chronic diseases, and in meeting the health needs of ageing populations.”

The work of the proposed ISO TC shall focus on standardization in the field of Ayush systems, but not limited to the following:

- Glossary of terminology
- Quality and safety of raw herbs and extracts, herbo-mineral products, medicinal products and dietary supplements/nutraceuticals
- Health and wellness service requirements
- Processing of medicinal ingredients and products
- Diagnostic and therapeutic procedures and practices—Panchakarma equipment and yoga accessories like yoga mats, yoga props, yoga attire, etc.
- Yoga postures and practices

[Review the proposal](#) for additional information and submit comments to Steven Cornish, ANSI senior director of international policy and strategy, scornish@ansi.org, by close of business on Friday, 14 October 2022.

Based on input received from U.S. stakeholders, a recommended ANSI position and any comments will be developed and presented at the ANSI ISO Committee (AIC) for approval before ISO's voting deadline of 23 November 2022.

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. Some are open for comment; others are simply announcements of new rules or decisions about rules. If you have a problem with a TBT, you can protest through your representative to the World Trade Organization.

United States Notification USA649/Rev.1/Add.1

Title: Energy Conservation Program: Test Procedures for General Service Fluorescent Lamps, Incandescent Reflector Lamps, and General Service Incandescent Lamps

Notified measure enters into force: 30 September 2022

Text available at <https://www.govinfo.gov/content/pkg/FR-2022-08-31/pdf/2022-17799.pdf>
https://members.wto.org/crnattachments/2022/TBT/USA/final_measure/22_5921_00_e.pdf

Title: Energy Conservation Program: Test Procedures for General Service Fluorescent Lamps, Incandescent Reflector Lamps, and General Service Incandescent Lamps

Agency: Office of Energy Efficiency and Renewable Energy, Department of Energy

Action: Final rule

Summary: In this final rule, the U.S. Department of Energy ("DOE") is adopting amendments to the test procedures for general service fluorescent lamps ("GSFLs"), incandescent reflector lamps ("IRLs"), and

general service incandescent lamps ("GSILs") to update references to industry test standards and provide citations to specific sections of these standards; amend definitions; reference specific sections within industry test standards for further clarity; provide test methods for measuring coloring rendering index ("CRI") for incandescent lamps and measuring lifetime of IRLs; clarify test frequency and inclusion of cathode power in measurements for GSFLs; decrease the sample size and specify all metrics for all lamps be measured from the same sample; and align terminology across relevant sections of the Code of Federal Regulations relating to GSFLs, IRLs and GSILs.

Effective date: 30 September 2022. The final rule changes will be mandatory for product testing starting 27 February 2023. The incorporation by reference of certain publications listed in this rule is approved by the Director of the Federal Register on 30 September 2022. The incorporation by reference of certain other publications listed in this rule was approved by the Director of the Federal Register as of 30 June 1997, 23 March 2009, 14 September 2009, and 27 February 2012.

Text: Docket Number EERE-2017-BT-TP-0011 available on Regulations.gov at <https://www.regulations.gov/docket/EERE-2017-BT-TP-0011/document>

Brazil Notification BRAZ1443

Agency responsible: National Institute of Metrology, Quality and Technology (INMETRO)

Contact: barreirastecnicas@inmetro.gov.br, www.inmetro.gov.br/barreirastecnicas

Products covered: Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles (HS code(s): 85)

Title: Inmetro Ordinance N° 115, 21 March 2022.; (30 pages in Portuguese)

Description of content: Ordinance No. 115/2022 consolidates conformity assessment requirements for electrical equipment for explosive atmospheres

Objective and rationale: Decree 10.139 of 28 November 2019 provides for the need for revision and consolidation of normative acts below the decree. It aims to update and consolidate regulatory acts, elimination of obsolete regulations whose effects have been exhausted in time or the need cannot be identified. Thus, the inventories and complexity of regulatory processes will be reduced.; Protection of human health or safety; Quality requirements

Relevant documents:

1) Brazilian Official Gazette 58 on 25 March 2022, section 1, page 100;

2) Brazilian Official Gazette 165 on 30 August 2022, section 1, page 90.

<https://www.in.gov.br/en/web/dou/-/portaria-n-115-de-21-de-marco-de-2022-388650568>

<https://www.in.gov.br/en/web/dou/-/retificacao-425194124>

Proposed date of adoption: 1 April 2022

Proposed date of entry into force: 1 April 2022

Final date for comments: Not Applicable

United States Of America Notification USA1914

Agency responsible: Vermont Agency of Natural Resources, Department of Environmental Conservation, State of Vermont [1945]

Products covered: Vehicle emissions; Environmental protection (ICS code(s): 13.020); Air quality (ICS code(s): 13.040); Road vehicle systems (ICS code(s): 43.040)

Title: Low Emission Vehicle and Zero Emission Vehicle Rules; (13 pages in English)

Description of content: Notice of Proposed Rulemaking - The Vermont Agency of Natural Resources (ANR) / Department of Environmental Conservation proposes to amend its existing Low and Zero Emission Vehicle Rules by adopting, via incorporation by reference, California's Advanced Clean Cars II (which amends Advanced Clean Cars I, currently in effect), Advanced Clean Trucks, Low NOx Heavy-Duty Omnibus, and the Phase 2 Greenhouse Gas Rule. The Low Emission Vehicle Rules set standards for emissions of criteria air pollutants and greenhouse gases from passenger cars, light-duty trucks, and medium- and heavy-duty vehicles and engines that are delivered for sale or placed in service in Vermont. Information concerning Vermont Low Emission Vehicle and Zero Emission Vehicle Rules is accessible at <https://dec.vermont.gov/air-quality/mobile-sources/lev>.

Objective and rationale: Protection of the environment

Relevant documents: Vermont Secretary of State, Notices of Rulemaking 17 August 2022:

<https://secure.vermont.gov/SOS/rules/index.php#> and refer to 22P021. Vermont Agency of Natural

Resources/Department of Environmental Conservation Recently Adopted and Proposed Regulations:

<https://dec.vermont.gov/air-quality/laws/recent-regs>

Proposed Amendments to the Air Pollution Control Regulations, Low Emission Vehicle and Zero Emission Vehicle Regulations:

Proposed text: https://dec.vermont.gov/sites/dec/files/aqc/mobile-sources/documents/Proposed_Draft_Rule_Clean_Text.pdf

Proposed Rule Administrative Procedure Act Forms: https://dec.vermont.gov/sites/dec/files/aqc/mobile-sources/documents/Proposed_Rule_Administrative_Procedure_Act_Forms.pdf

Proposed Rule Summary Document:

https://dec.vermont.gov/sites/dec/files/aqc/mobile-sources/documents/Proposed_Rule_Summary_Document.pdf

Proposed Rule Supplemental Information:

https://dec.vermont.gov/sites/dec/files/aqc/mobile-sources/documents/Proposed_Rule_Supplemental_Information.pdf

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 30 September 2022

Text: https://members.wto.org/crnattachments/2022/TBT/USA/22_5974_00_e.pdf

Ukraine Notification UKR225

Agency responsible: Ministry of Economy of Ukraine

Products covered: Electrical and electronic equipment

Title: Draft Resolution of Cabinet of Ministers of Ukraine "On Amendments to the Technical regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment" (8 pages in Ukrainian)

Description of content: The draft Resolution provides for the extension the validity of certain exceptions to the restrictions set out in Annexes 3 and 4 to the Technical Regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment and, approved by the Resolution of Cabinet of Ministers of Ukraine of March 10, 2017 No. 139, and supplements them with new exceptions. In addition, it provides for the establishment of a clear validity period for certain exceptions to the restrictions specified in Annexes 3 and 4 to the Technical Regulation, which would provide legal and temporal certainty of the regulation. The draft Resolution is developed in order to bring the provisions of the Technical Regulation in compliance with the requirements of the 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 by amending the Annexes accordingly.

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

Relevant documents: Law of Ukraine "On Technical Regulations and Conformity Assessment", available in Ukrainian. Resolution of Cabinet of Ministers of Ukraine of March 10, 2017 No. 139 "On approval of the Technical regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment" (as amended)

Proposed date of adoption: December 2022

Proposed date of entry into force: from the date of its official publication

Final date for comments: 30 days from notification, 5 October 2022

Text available at https://members.wto.org/crnattachments/2022/TBT/UKR/22_5976_00_x.pdf

Viet Nam Notification VNM236

Agency responsible: Ministry of Industry and Trade, Vietnam Chemicals Agency
thanhnv@moit.gov.vn

Products covered: Products of the chemical industry (ICS 71.100).

Title: Draft of National technical regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment; (36 pages in Vietnamese)

Description of content: This draft of technical regulation provides technical requirements, testing methods and quality control for the allowable content limits of a number of hazardous chemicals in electrical and electronic products specified in Appendix II of this Regulation, corresponding test methods and requirements on managing the quality of electrical and electronic products produced domestically, imported and traded in the territory of Vietnam. This draft of technical regulation applies to organizations and individuals manufacturing,

importing and trading electrical and electronic products, state management agencies and other relevant organizations and individuals.

Objective and rationale: Protection of human health or safety

Relevant documents:

- Law on Chemicals 2007
- Law on Standards and Technical Regulations 2006
- Law on product and goods quality 2007
- Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (last consolidated 10 September 2011).
- Directive 2011/65/EC 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 (revision) (last consolidated on 1 September 2020).
- Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

Proposed date of adoption: 1 December 2022

Proposed date of entry into force: 1 January 2025

Final date for comments: 60 days from notification, 29 October 2022

Text available at https://members.wto.org/crnattachments/2022/TBT/VNM/22_5858_00_x.pdf

European Union Notification EU918

Agency responsible: European Commission

Contact: grow-eu-tbt@ec.europa.eu, <http://ec.europa.eu/growth/tools-databases/tbt/en/>

Products covered: smartphones, slate tablets, mobile phones other than smartphones, cordless phones

Title: Draft Commission Regulation laying down ecodesign requirements for mobile phones, cordless phones and slate tablets pursuant to Directive 2009/125/EC of the European Parliament and of the Council and amending [add reference to the revised Ecodesign Regulation on standby, networked standby and off mode]; (8 pages in English and 52 pages in English)

Description of content: This draft Commission Regulation sets compulsory requirements on:

- a) design for reliability (resistance to accidental drops, scratch resistance, protection from dust and water, battery longevity)
- b) ability of the product to be disassembled and repaired (such as availability of critical spare parts),
- c) availability of operating system version upgrades
- d) data deletion and transfer functionalities
- e) provision of appropriate information for users, repairers and recyclers for the products covered.

In accordance with Framework 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 technical, environmental and economic studies which have been carried out with stakeholders from around the world.

Objective and rationale: The objectives are to contribute to the EU climate and energy targets and to the material efficiency objectives set out in the Circular Economy Action Plan 2020. This initiative is aimed at:

- avoiding premature obsolescence of mobile phones, cordless phones and tablets;
- facilitating repair and increasing durability of these products and key components (e.g. battery and display);
- Helping consumers making an informed and sustainable choice at the point of sale;
- Fostering product designs aimed to achieve cost-efficient material and energy savings.

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. 0010.

<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1519726698123&uri=CELEX:32009L0125>

Proposed date of adoption: 20 December 2022

Proposed date of entry into force: 20 days from publication in the Official Journal of the EU (The provisions shall apply from 06 January 2024).

Final date for comments: 60 days from notification, 30 October 2022

Text available at <http://ec.europa.eu/growth/tools-databases/tbt/en/>

https://members.wto.org/crnattachments/2022/TBT/EEC/22_5917_00_e.pdf

https://members.wto.org/crnattachments/2022/TBT/EEC/22_5917_01_e.pdf

European Union Notification EU919

Agency responsible: European Commission

Contact: grow-eu-tbt@ec.europa.eu, <http://ec.europa.eu/growth/tools-databases/tbt/en/>

Products covered: smartphones, slate tablets

Title: Draft Commission Delegated Regulation supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to the energy labelling of smartphones and slate tablets; (9 pages in English and 34 pages in English)

Description of content: This draft Commission Delegated Regulation sets requirements for the energy labeling and the provision of product information for smartphones and slate tablets. The draft Regulation is based on the findings of technical, environmental and economic studies which have been carried out with stakeholders from around the world.

Objective and rationale: The objectives are to contribute to the EU climate and energy targets and to the material efficiency objectives set out in the Circular Economy Action Plan 2020. More specifically, this initiative, due to the specific design of the energy label, would help delivering on the three specific objectives a) facilitating repair and increasing durability of these products and key components (e.g. battery and display) b) Fostering product designs aimed to achieve cost-efficient material and energy savings and c) Helping consumers making an informed and sustainable choice at the point of sale; Consumer information, labelling

Relevant documents: Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU, Official Journal L 198 , 28 July 2017, p. 1–23, <https://eur-lex.europa.eu/legal-content/en/ALL/?uri=CELEX%3A32017R1369>

Proposed date of adoption: 05 December 2022

Proposed date of entry into force: 20 days from publication in the Official Journal of the EU (The provisions shall apply from 06 June 2024).

Final date for comments: 60 days from notification, 30 October 2022

Text available at <http://ec.europa.eu/growth/tools-databases/tbt/en/>

https://members.wto.org/crnattachments/2022/TBT/EEC/22_5918_00_e.pdf

https://members.wto.org/crnattachments/2022/TBT/EEC/22_5918_01_e.pdf

The above notices are listings culled from the 47,438 Technical Barrier to Trade notices posted on the WTO's ePing platform (<https://epingalert.org/>). Visitors may use ePing without registering to browse notifications on past as well as new draft and updated product regulations.

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 10 October 2022

BSR/ASHRAE Standard 228-202x, Standard Method of 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

Access and offer comments at <http://www.ashrae.org/standards-research--technology/public-reviewdrafts>

BSR/IAPMO UMC 1-2024-202x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2021)

This code provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators, and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of mechanical systems.

Single copy price \$10.00

Order from Hugo.Aguilar@iapmo.org

Send comments to Gabriella Davis, gaby.davis@iapmo.org

BSR/IAPMO UPC 1-2024-202x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2021)

This code provides minimum standards and requirements to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, and use or maintenance of plumbing systems.

Single copy price \$10.00

Order from Hugo.Aguilar@iapmo.org

Send comments to Gabriella Davis, gaby.davis@iapmo.org

Due 17 October 2022

BSR/IES LM-83-202x, Approved Method: Spatial Daylight Autonomy and Annual Sunlight Exposure (new standard)

This document describes two annual daylight performance metrics, spatial Daylight Autonomy (sDA) and Annual Sunlight Exposure (ASE), which provide two useful dimensions for evaluating daylight performance. Both metrics are generated via a similar computer-based simulation methodology that uses a full year of hourly weather data to calculate illuminance values inside a given architectural space. The sDA metric is also distinguished from many others in that it explicitly accounts for the movement of operable shading devices at daylight apertures, which hereafter in this document will be collectively referred to as blinds.

Single copy price \$25.00

Order from and send comments to Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR/IES RP-27.1-202x, Recommended Practice: Risk Group Classification and Minimization of Photobiological Hazards from Ultraviolet Lamps and Lamp Systems (new standard)

Recommendations in this document apply only to lamps and lamp systems designed primarily to emit ultraviolet (UV) radiant energy for consumer, industrial, scientific, and medical applications. The scope is limited to lamps and lamp systems where more than half of the optical radiation emitted between 180 nm and 3,000 nm is in the spectral region 180 nm to 400 nm. If more than half of the optical radiation emitted between 180 nm to 3,000 nm is outside of the spectral region 180 nm to 400 nm, then the base standard, ANSI/IES RP-27-20, applies.

Single copy price \$25.00

Order from and send comments to Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR MH29.3-202X, Safety Requirements for Industrial Turntables (new standard)

This standard applies to industrial turntables designed to rotate in the horizontal plane that are activated manually, or by hydraulic, pneumatic, mechanical, or electro-mechanical means. Industrial turntables can be stationary or movable, and manual or powered. They are used to rotate, position, feed, transfer, load, or unload materials only. Industrial turntables are not intended to move personnel. Industrial turntables are available in a range of capacities, sizes, and degrees of rotation.

Single copy price \$50.00

Order from and send comments to Patrick Davison, pdavison@mhi.org

BSR MH30.1-202X, Design, Testing, and Utilization of Dock Leveling Devices (revision of ANSI MH30.1-2015)

This standard applies to dock leveling devices, which are manufactured structures designed to span and compensate for space and height differentials between a loading dock and a transport vehicle to facilitate freight transfers in an effective and efficient manner. This document serves as the guide for designers, manufacturers, sellers, installers, owners, users, and governing bodies of dock levelers and to provide guidelines for the design and testing of dock leveling devices; to promote the understanding of the respective responsibilities of manufacturers, sellers, installers, designers, owners, users, and governing bodies associated with dock leveling devices; and to provide a uniform means of comparison for dock leveling devices.

Single copy price \$50.00

Order from and send comments to Patrick Davison, pdavison@mhi.org

BSR MH30.2-202X, Design, Testing, and Utilization of Portable Dock Boards and Dock Plates (revision of ANSI MH30.2-2015)

This standard defines performance and testing requirements for the design, use, and maintenance of portable dock boards and dock plates, collectively known as portable dock leveling devices. The purpose of this standard is to provide a uniform means of comparison, improve user confidence and knowledge, and to define product requirements for portable dock leveling devices. A portable dock leveling device is not permanently affixed to either the transport vehicle or the dock structure and is capable of being moved from one location to another by manual effort or by independently powered equipment. Portable dock leveling devices are commonly referred to as dock boards or dock plates.

Single copy price \$50.00

Order from and send comments to Patrick Davison, pdavison@mhi.org

BSR MH30.3-202X, Design, Testing, and Utilization of Vehicle Restraining Devices (revision of ANSI MH30.3-2015)

This standard defines performance and testing requirements with regard to design, use, and maintenance of vehicle restraining devices. A vehicle restraining device is a manufactured structure designed to interface between a loading dock and a transport vehicle. It is intended to facilitate effective and efficient freight transfers by limiting vehicle motion and preventing unanticipated departure or vehicle creep. Vehicle restraining devices commonly incorporate a communication light system between the dock worker on the inside of the building and the truck transport vehicle driver on the outside. The purpose of this standard is to provide a uniform means of comparison, to improve user confidence and knowledge, and to define requirements for vehicle restraining devices.

Single copy price \$50.00

Order from and send comments to Patrick Davison, pdavison@mhi.org

Due 1 November 2022

BSR/ASME PTC 17-1973 (R202x), Reciprocating Internal-Combustion Engines (reaffirmation of ANSI/ASME PTC 17-1973 (R2012))

This code provides rules for testing, and for the computation and tabulation of the results of tests, for all types of reciprocating internal-combustion engines, in order to determine power and fuel consumption.

Single copy price \$55.00

Order from <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to Angel Guzman Rodriguez, guzman@asme.org

INCITS/ISO/IEC 23053:2022 [202x], Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) (identical national adoption of ISO/IEC 23053:2022)

Establishes an Artificial Intelligence (AI) and Machine Learning (ML) framework for describing a generic AI system using ML technology. The framework describes the system components and their functions in the AI ecosystem.

This document is applicable to all types and sizes of organizations, including public and private companies, government entities, and not-for-profit organizations, that are implementing or using AI systems.

Single copy price \$200.00

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

Send comments to comments@standards.incits.org

INCITS/ISO/IEC 38507:2022 [202x], Information technology - Governance of IT - Governance implications of the use of artificial intelligence by organizations (identical national adoption of ISO/IEC 38507:2022)

Provides guidance for members of the governing body of an organization to enable and govern the use of Artificial Intelligence (AI), in order to ensure its effective, efficient and acceptable use within the organization.

Single copy price \$175.00

Order from <http://webstore.ansi.org>

Send comments to comments@standards.incits.org

BSI public review announcements

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

Due 22 November 2022

BS EN 1997-3 EN 1997-3 Eurocode 7. Geotechnical design. Part 3: Geotechnical structure

This document provides specific rules to be applied for design and verification of geotechnical structures.

BS EN 1998-1 EN 1998-1-1 Eurocode 8. Design of structures for earthquake resistance. Part 1-1: General rules and seismic action

(1) This document is applicable to the design and verification of buildings and other structures in seismic regions. It gives general rules relevant to all types of structures, with the exception of special structures.

(2) This document provides basic performance requirements and compliance criteria applicable to buildings and civil engineering works in seismic regions.

(3) This document gives rules for the representation of seismic actions and the description of the design seismic situations. Certain types of structures, dealt with in other parts of EN 1998, need supplementary rules which are given in those relevant Parts.

(4) This document contains general methods for structural analysis and verification under seismic actions, including base-isolated structures and structures with distributed dissipative systems.

(5) This document 1 contains rules for modeling and verification of ultimate strengths and deformation

BS EN 1998-5 EN 1998-5 Eurocode 8. Design of structures for earthquake resistance. Part 5: Geotechnical aspects, foundations, retaining and underground structures

(1) This document establishes general principles for the design and assessment of geotechnical systems in seismic regions. It gives general rules relevant to all families of geotechnical structures, to the design of foundations, retaining structures and underground structures and complements EN 1997-3 for the seismic design situation.

(2) This document contains the basic performance requirements and compliance criteria applicable to geotechnical structures and geotechnical systems in seismic regions.

(3) This document refers to the rules for the representation of seismic actions and the description of the seismic design situations defined in EN 1998-1-1 and provides specific definition of the seismic action applicable to geotechnical structures.

New ANS projects

ANSI has announced the following new project 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 C63.10 Amendment 1-202x, Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices (addenda to ANSI C63.10-2020)

Adds procedures for occupied bandwidth and emission bandwidth for devices where the fundamental behaves like a continuous wave signal due to very low modulation characteristics where the current 1-5% Resolution Bandwidth setting requirement cannot be met. Adds guidance for use of absorber material in lieu of sand for Ultrawideband (UWB) ground penetrating radar and Wall-imaging radars. Additional updates to methods may be included if it is discovered they are necessary during the amendment drafting process.

Contact Jennifer Santulli, J.Santulli@ieee.org

INCITS/ISO/IEC 27400:2022 [202x], Cybersecurity - IoT security and privacy - Guidelines (identical national adoption of ISO/IEC 27400:2022)

Provides guidelines on risks, principles, and controls for security and privacy of Internet of Things (IoT) solutions. Contact Deborah Spittle, comments@standards.incits.org

BSR C37.57-202x, Standard for Switchgear - Metal-Enclosed Interrupter Switchgear Assemblies – Conformance Testing (new standard)

This standard is a conformance testing standard optionally applicable to all metal-enclosed interrupter switchgear assemblies designed, tested, and manufactured in accordance with ANSI/IEEE C37.20.3. The requirement of ANSI/IEEE C37.20.3 is sufficient for application of metal-enclosed interrupter switchgear assemblies, and

conformance testing is not necessary to satisfy the basic requirements of that standard. Conformance testing is performed to show compliance with the basic requirements when required to satisfy special agreements or regulatory agency requirements.

Contact Brian Marchionini, brian.marchionini@nema.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 really ever finished.

ANSI/AWWA G440-2022, Emergency Preparedness Practices (revision of ANSI/AWWA G440-2017), 18 August 2022 (This is from the American Water Works Association, so “emergency” would be about water supply emergencies—perhaps a storm overwhelming a water treatment plant resulting in no potable water for a state's capital city.)

ANSI/LES ICBR Version 1.0-2022, Intellectual Capital in the Boardroom (new standard), 15 August 2022

ANSI/ASSP Z359.4-2013 (R2022), Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components (reaffirmation of ANSI/ASSE Z359.4-2013), 25 August 2022

ANSI C119.4-2022, Electric Connectors - Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C (revision of ANSI C119.4-2016), 25 August 2022

ANSI/NEMA GR 1-2022, Ground Rod Electrodes and Ground Rod Electrode Couplings (new standard) Final Action, 24 August 2022

ANSI/UL 61800-5-1-2022, Standard for Safety for Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy (national adoption with modifications of IEC 61800-5-1), 24 June 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 shown are for purchases through ANSI. (Not all have prices.) Some of the due dates are in the past, but the dates shown are what were given. The sort order is by due-date.

ISO/FDIS 4344, Steel wire ropes for lifts - Minimum requirements, 27 August 2021 [sic], \$102.00

ISO/DIS 9241-221, Ergonomics of human-system interaction Part 221: Human-centred design process assessment model, 23 June 2022 [sic], \$165.00

ISO/DIS 4980, Benefit-risk assessment for sports, for recreational and sports facilities including equipment, 25 June 2022 [sic], \$119.00

21A/809/FDIS, IEC 61951-2/AMD1 ED4: Amendment 1 Secondary cells and batteries containing alkaline or other nonacid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydride, 30 September 2022

23E/1268(F)/FDIS, IEC 61543 ED2: Residual current-operated protective devices (RCDs) for household and similar use Electromagnetic compatibility, 30 September 2022

SO/IEC DIS 23090-3/DAmD 1, Information technology – Coded representation of immersive media - Part 3: Versatile video coding - Amendment 1: New level and systems-related supplemental enhancement information, 4 November 2022, \$71.00

ISO/IEC DIS 5338, Information technology - Artificial intelligence AI system life cycle processes, 6 November 2022, \$112.00

ISO/IEC DIS 38500, Information technology - Governance of IT for the organization, 7 November 2022, \$82.00

8B/124/DTS, IEC TS 63189-1 ED1: Virtual Power Plants- Part 1: Architecture and Functional Requirements, 11 November 2022

23E/1265/CDV, IEC 61008-1 ED4: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules, 18 November 2022

23E/1261/CDV, IEC 61008-2-1 ED2: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2-1: RCCBs according to 4.1.1, 18 November 2022

23E/1262/CDV, IEC 61008-2-2 ED2: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) - Part 2-2: RCCBs according to 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, 18 November 2022

23E/1266/CDV, IEC 61009-1 ED4: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules, 18 November 2022

23E/1263/CDV, IEC 61009-2-1 ED2: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) - Part 2-1: RCBOs according to 4.1.1, 18 November 2022

23E/1264/CDV, IEC 61009-2-2 ED2: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) - Part 2-2: RCBOs according to 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, 18 November 2022

JTC1-SC41/306/NP, PNW JTC1-SC41-306 ED1: Internet of Things (IoT) - Evaluation indicator for IoT systems, 18 November 2022

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 61139-2 Ed. 1.0 b:2022, Industrial networks – Single-drop digital communication interface - Part 2: Functional safety extensions, \$443.00

ISO 14100:2022, Guidance on environmental criteria for projects, assets and activities to support the development of green finance, \$200.00

ISO/CIE 11664-6:2022, Colorimetry - Part 6: CIEDE2000 colour-difference formula, \$73.00

ISO/IEC TR 24368:2022, Information technology – Artificial intelligence - Overview of ethical and societal concerns, \$200.00

TSP meeting schedule

The following meetings are scheduled for 15-18 September at the Marriott Westlake in Westlake, Texas, with attendance being in-person and via WebEx. Visit <https://www.esta.org/ESTA/meetings.php> for details.

Control Protocols Working Group	09:00 – 13:00 CDT	Saturday 17 September
CPWG E1.37-4 task group	19:00 – 23:00 CDT	Saturday 17 September
CPWG E1.37-5 task group	19:00 – 23:00 CDT	Friday 16 September
CPWG E1.37-8 IPv4/IPv6 task group	19:00 – 23:00 CDT	Thursday 15 September
CPWG E1.68 task group	09:00 – 13:00 CDT	Sunday 18 September
CPWG E1.73 UDR task group	09:00 – 13:00 CDT	Friday 16 September
	09:00 – 13:00 CDT	Sunday 18 September
CPWG NextGen Overall task group	14:00 – 18:00 CDT	Saturday 17 September
CPWG NextGen Transport task group	14:00 – 18:00 CDT	Friday 16 September
CPWG Plugfest	09:00 – 23:00 CDT	Friday 16 September
	09:00 – 23:00 CDT	Saturday 17 September
	09:00 – 23:00 CDT	Sunday 18 September
Electrical Power Working Group	19:00 – 23:00 CDT	Friday 16 September
Event Safety Working Group	14:00 – 18:00 CDT	Saturday 17 September
Floors Working Group	09:00 – 13:00 CDT	Friday 16 September
Fog & Smoke Working Group	14:00 – 18:00 CDT	Thursday 15 September
Followspot Positions Working Group	16:00 – 18:00 CDT	Friday 16 September
Rigging Working Group	19:00 – 23:00 CDT	Saturday 17 September
Stage Machinery Working Group	19:00 – 23:00 CDT	Thursday 15 September
Technical Standards Council	09:00 – 13:00 CDT	Sunday 18 September

The Photometrics Working Group will meet the following week via WebEx.

Photometrics Working Group	17:00 – 21:00 EDT	Thursday 22 September
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