American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter’s position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer’s procedures.

Ordering Instructions for “Call-for-Comment” Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix, for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org
**ISA (ISA)**

**New National Adoptions**

BSR/ISA 62453-1 (103.00.01)-201x, Field device tool (FDT) interface specification - Part 1: Overview and guidance (national adoption with modifications of IEC 62453-1)

Presents an overview and guidance for this series. This standard explains the structure and content of the series; provides explanations of some aspects of the ISA 62453 series that are common to many of the parts of the series; describes the relationship to some other standards. Click here to see these changes in full, or look at the end of “Standards Action.”

Send comments (with copy to BSR) to: Linda Wolffe, (919) 990-9257, lwolffe@isa.org

BSR/ISA 62453-2 (103.00.02)-201x, Field device tool (FDT) interface specification - Part 2: Concepts and detailed description (national adoption with modifications of IEC 62453-2)

Explains the common principles of the field device tool concept. These principles can be used in various industrial applications such as engineering systems, configuration programs and monitoring and diagnostic applications. This standard specifies the general objects, general object behavior and general object interactions that provide the base of FDT. Click here to see these changes in full, or look at the end of “Standards Action.”

Send comments (with copy to BSR) to: Linda Wolffe, (919) 990-9257, lwolffe@isa.org

**UL (Underwriters Laboratories, Inc.)**

**Revisions**

BSR/UL 737-201x, Standard for Safety for Fireplace Stoves (revision of ANSI/UL 737-2007)

Proposes the following change to UL 737:
- requirements for fireplace stove top loading doors.

Click here to see these changes in full, or look at the end of “Standards Action.”

Send comments (with copy to BSR) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@us.ul.com


Describes receptacle-type GFCI reverse line-load miswire - Reinstallation of GFCIs.

Click here to see these changes in full, or look at the end of “Standards Action.”

Send comments (with copy to BSR) to: Edward Minasian, (631) 546-3305, Edward.D.Minasian@us.ul.com

**ASQ (American Society for Quality)**

**New National Adoptions**

BSR/ASQ/ISO 26000-201x, Guidance on Social Responsibility (identical national adoption of ISO 26000)

Provides guidance to all types of organizations, regardless of their size or location. Single copy price: $173.00

Obtain an electronic copy from: standards@asq.org

Order from: Jennifer Admussen, (414) 272-8575, standards@asq.org

Send comments (with copy to BSR) to: standards@asq.org

BSR/ASAE S483.1-NOV05 (R201x), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.1-NOV05)

Identifies production blade lots, from which samples were subjected to destructive testing. Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same


Establishes the common symbols for use on operator controls and other displays on tractors and machinery for agriculture and forestry, and powered lawn and garden equipment, as defined in ISO 5395-0 and 5395. The symbols given apply to controls and displays common to tractors and machinery for agriculture and forestry, and powered lawn and garden equipment, as well as to other types of self-propelled work machines designed to operate off public roads, such as earthmoving machines, powered industrial trucks, and mobile cranes. Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

BSR/ASAE S483.1-NOV05 (R201x), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.1-NOV05)

Establishes symbols for use on operator controls and other displays on tractors and machinery for agriculture as defined in ISO 3339-0. The symbols given are for controls and displays specific to agricultural tractors and machinery such as combine harvesters, cotton pickers, balers, and forage harvesters. Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same
AWS (American Welding Society)

**New Standards**

BSR/AWS B1.11M/B1.11-201x, Guide for the Visual Examination of Welds (new standard)

Contains information to assist in the visual examination of welds. Included are sections on prerequisites, fundamentals, surface conditions, and equipment. Sketches and full-color photographs illustrate weld discontinuities commonly found in welds.

Single copy price: $37.00
Obtain an electronic copy from: roneill@aws.org
Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org
Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

BIFMA (Business and Institutional Furniture Manufacturers Association)

**Revisions**

BSR/BIFMA X5.1-201x, General-Purpose Office Chairs - Tests (revision of ANSI/BIFMA X5.1-2002)

Provides manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of general-purpose office chairs. General-purpose office chairs are normally used in an office environment and may include, but are not limited to those seating styles typically referred to as: executive/management, task/secretarial, side/guest chairs, stacking chairs, tablet arm chairs, and stools.

Single copy price: N/A
Order from: BIFMA International
Send comments (with copy to BSR) to: David Panning, 616-285-3963, dpanning@bifma.org

CEA (Consumer Electronics Association)

**Revisions**


Defines the colors for marking connections commonly used for electronic devices in a home theater system. This standard adds continuity to installation information, and ensures consistency of information to installers.

Single copy price: $54.00
Obtain an electronic copy from: http://global.ihs.com
Send comments (with copy to BSR) to: Catrina Akers, (703) 907-7060, cakers@ce.org

CSA (CSA America, Inc.)

**Revisions**

BSR Z21.10.1b-201x, Gas Water Heaters, Volume I, Storage Water Heaters With Input Ratings of 75,000 Btu Per Hour or Less (same as CSA 4.1b) (revision of ANSI Z21.10.1-2008 and ANSI Z21.10.1a-2009)

Details test and examination criteria for automatic storage water heaters with input ratings of 75,000 Btu per hour (21 980 W) or less for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.10.3-201x, Gas Water Heaters, Volume III, Storage, With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous Water Heaters (same as CSA 4.3) (revision of ANSI Z21.10.3-2004 (R2010), ANSI Z21.10.3a/CSA 4.3a-2007 (R2010), and ANSI Z21.10.3b-2008 (R2010))

Details test and examination criteria for automatic storage, with input ratings above 75,000 Btu per hour (21 980 W), circulating and instantaneous water heaters for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.21b-201x, Automatic Valves for Gas Appliances (same as CSA 6.5b) (revision of ANSI Z21.21-2005 (R2010) and ANSI Z21.21a-2010)

Details test and examination criteria for automatic valves, which may be individual automatic valves or valves, utilized as parts of automatic gas ignition systems. This standard also applies to commercial/industrial safety shutoff valves.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same


Details test and examination criteria for pool heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Pool heaters are designed to heat non-potable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs and similar applications.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.78a-201x, Combination Gas Controls for Gas Appliances (same as CSA 6.20a) (revision of ANSI Z21.78-2010)

Details test and examination criteria for combination gas controls having a maximum operating gas pressure of 1/2 psi (3.45 kPa) with one or more of the following fuel gases: natural, manufactured, mixed, liquefied petroleum and liquefied petroleum gas-air mixtures.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same


Details test and examination criteria for line pressure regulators, either individual or in combination with over pressure protection devices intended for application in natural gas piping systems between the service regulator and the gas appliance(s). This standard applies to regulators rated at 2, 5, or 10 psi (13.8, 34.5, or 68.9 kPa) with maximum outlet pressure of 1/2 or 2 psi (3.5 or 13.8 kPa), depending on the intended application.

Single copy price: $50.00
Obtain an electronic copy from: cathy.rake@csa-america.org
Order from: Cathy Rake, (216) 524-4990, cathy.rake@csa-america.org
Send comments (with copy to BSR) to: Same
NEMA (ASC Z535) (National Electrical Manufacturers Association)

Revisions
BSR Z535.6-201x, Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials (revision of ANSI Z535.6-2006)
Sets forth requirements for the design and location of product safety messages in collateral materials for a variety of products.
Single copy price: $82.00
Order from: NEMA
Send comments (with copy to BSR) to: Paul Orr, (703) 717-5658, Pau_orr@nema.org

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards
BSR/TAPPI T 218 sp-201x, Forming handsheets for reflectance testing of pulp (Buchner funnel procedure) (new standard)
Describes the procedure using a Buchner funnel for preparing specimen sheets for reflectance testing of bleached or unbleached pulp whose fibers are readily dispersed in water. The sheets are made at a pH of 6.5 +/- 0.5. This practice permits the preparation of sheets having a smooth and reproducible surface for reflectance measurements with a minimum of washing or contamination of the sample.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org
Send comments (with copy to BSR) to: standards@tappi.org

BSR/TAPPI T 413 om-201x, Ash in wood, pulp, paper and paperboard: Combustion at 900 degrees C (new standard)
This method for determination of ash can be applied to all types of wood, pulp, paper and paperboard.
Single copy price: Free
Obtain an electronic copy from: standards@tappi.org
Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org
Send comments (with copy to BSR) to: standards@tappi.org

UL (Underwriters Laboratories, Inc.)

Revisions
The following is being proposed:
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 248-8-201x, Standard for Safety for Low-Voltage Fuses - Part 8: Class J Fuses (revision of ANSI/UL 248-8-2005)
The following changes in requirements are being proposed:
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 248-10-201x, Standard for Safety for Low-Voltage Fuses - Part 10: Class L Fuses (revision of ANSI/UL 248-10-2004 (R2008))
The following changes in requirements are being proposed:
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

The following changes in requirements are being proposed:
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Order from: comm2000
Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 248-12-201x, Standard for Safety for Low-Voltage Fuses - Part 12: Class R Fuses (revision of ANSI/UL 248-12-2005)
The following changes in requirements are being proposed:
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

BSR/UL 430-201x, Standard for Safety for Waste Disposers (revision of ANSI/UL 430-2009)
(1) Clarifies specific compliance criteria under which wiring may be exempt from barrier requirements;
(2) Deletes obsolete references to design E motors;
(3) Adds 35.9 to differentiate alternate temperature testing methods for commercial disposers having continuous-duty motors and household disposers having intermittent-duty motors;
(4) Clarifies Long-Term Exposure Test requirements for complete disposer samples and material samples; and
(5) Adds and revises requirements to relocate component standard references from Appendix A into the body of the standard as component requirements.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@us.ul.com

BSR/UL 2108-201x, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2010a)
See page 12 for Scope.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@us.ul.com

BSR/UL 2108-201x, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2010a)
See page 12 for Scope.
BSR/IEEE 1580-201x, Recommended Practice for Marine Cable for use on Shipboard and Fixed or Floating Facilities (new standard)
Contains the requirements for single or multiconductor cables, with or without metal armor and/or jacket, and rated 300 V to 35 kV (RMS phase-to-phase), intended to be installed aboard marine vessels, fixed and floating offshore facilities, and in accordance with industry installation standards and the regulations of the authorities having jurisdiction (AHJ). The recommendations define what is considered good engineering practice with reference to the reliability and durability of the cable.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1597.2-201x, Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations (new standard)
Provides a companion document for IEEE Std. 1597.1-2008.1 This standard gives examples and problem sets to be used in the validation of computational electromagnetics (CEM) computer modeling and simulation techniques, codes, and models. It is applicable to a wide variety of electromagnetic (EM) applications including but not limited to the fields of antennas, signal integrity (SI), radar cross section (RCS), and electromagnetic compatibility (EMC).

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org
BSR/IEEE 1619.2-201x, Standard for Wide-Block Encryption for Shared Storage Media (new standard)

Specifies an architecture for encryption of data in random access storage devices, oriented toward applications that benefit from wide encryption-block sizes of 512 bytes and above.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1636.2-201x, Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML) (new standard)

Defines an exchange format, utilizing XML, for exchanging maintenance action information associated with the removal, repair, and replacement of system components to maintain/support an operational system.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1651-201x, Guide for Reducing Bird-Related Outages (new standard)

Documents proven methods and designs to reduce bird-related outages, such as contamination outages, streamer outages, and electrocution/collision/contact outages on transmission lines, in substations, and on distribution lines, thereby improving reliability and minimizing the associated revenue loss.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1656-201x, Guide for Testing the Electrical, Mechanical, and Durability Performance of Wildlife Protective Devices on Overhead Power Distribution Systems Rated up to 38 kV (new standard)

Applies to wildlife protective products installed on overhead electrical distribution systems rated up to and including 38 kV. The guide provides test recommendations regarding these products that are in direct contact or in the proximity of energized parts and conductors.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1671-201x, Standard for Automatic Test Markup Language (ATML) for Exchanging Automatic Test Equipment and Test Information via XML (new standard)

Specifies a framework for the ATML family of standards. ATML allows Automatic Test System (ATS) and test information to be exchanged in a common format adhering to the XML standard.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1901-201x, Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications (new standard)

Defines a standard for high-speed (>100 Mbps at the physical layer) communication devices via electric power lines, so called Broadband over Power Line (BPL) devices that use transmission frequencies below 100 MHz. This standard is usable by all classes of BPL devices, including BPL devices used for the first-mile/last mile connection (<=1500 m to the premise) to broadband services as well as BPL devices used in buildings for LANs, Smart Energy applications, transportation platforms (vehicle) applications, and other data distribution (<=100 m between devices).

Single copy price: $240.00 (IEEE Members); $300.00 (Non-members)

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 3007.2-201x, Recommended Practice for the Maintenance of Industrial and Commercial Power Systems (new standard)

Covers the maintenance of industrial and commercial power systems. This standard covers the fundamentals of electrical equipment maintenance, how to develop successful maintenance strategies, and the common testing methods used as part of an electrical equipment maintenance program.

Single copy price: $55.00 (IEEE Members); $65.00 (Non-members)

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 11073-10421-201x, Health Informatics - Personal Health Device Communication - Device Specialization - Peak Expiratory Flow Monitor (Peak Flow) (new standard)

Establishes a normative definition of communication between personal telehealth Peak Flow monitoring devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability. It leverages work done in other ISO/IEEE 11073 standards including existing terminology, information profiles, application profile standards, and transport standards.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C37.017-201x, Standard for Bushings for High Voltage (Over 1000 Volts AC) Circuit Breakers and Gas Insulated Switchgear (new standard)

Applies to bushings intended for use in high-voltage circuit breakers and gas-insulated switchgear. These bushings are intended for indoor and outdoor use, operating on alternating current with a rated voltage greater than 1000 V and a frequency of 50 or 60 Hz. These bushings are usually a part of an apparatus and tested according to the apparatus of which they form part.

Single copy price: N/A

Order from: +1-800-678-4333; fax: +1-732-981-9667; online: http://shop.ieee.org/ieeestore/

Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org
BSR/IEEE C37.105-201x, Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations (new standard)
Covers qualification of Class 1E Protective Relays and Auxiliaries to be used outside the primary containment in the Nuclear Power Generating Stations. Protective relays and auxiliaries located inside the primary containment in a nuclear power generating station present special conditions beyond the scope of this document
Single copy price: $45.00 (IEEE Members); $55.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: m.patterson@ieee.org
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C37.239-201x, Standard for Common Format for Event Data Exchange (COMFEDE) for Power Systems (new standard)
Defines a format for files containing event data such as sequence of events or fault summary reports collected from power systems or power system models. The format is intended to provide an easily interpretable form for use in exchanging data.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE C57.12.10-201x, Standard Requirements for Liquid-Immersed Power Transformers (new standard)
Sets forth the requirements for power transformer application. This standard is intended for use as a basis for performance, interchangeability, and safety of equipment covered, and to assist in the proper selection of such equipment. This is a product standard that covers certain electrical, dimensional, and mechanical characteristics of 50 and 60 Hz, liquid-immersed power and auto-transformers.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

New National Adoptions
Provides requirements for the test and review of software user documentation as part of the lifecycle processes. This standard defines the documentation process from the viewpoint of the documentation developer. It also covers the documentation product. It specifies the structure, content, and format for user documentation, and also provides informative guidance for user documentation style. It is independent of the software tools that may be used to produce documentation, and applies to both printed documentation and on-screen documentation. Much of this standard is also applicable to user documentation for systems including hardware.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Provides requirements for the design and development of software user documentation as part of the lifecycle processes. This standard defines the documentation process from the viewpoint of the documentation developer. It also covers the documentation product. It specifies the structure, content, and format for user documentation, and also provides informative guidance for user documentation style. It is independent of the software tools that may be used to produce documentation, and applies to both printed documentation and on-screen documentation. Much of this standard is also applicable to user documentation for systems including hardware.
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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Covers measurements of the electrical properties of naturally occurring solids. Not covered are methods that rely on mapping earth structure anomalies unless directly related to electrical properties. There is limited coverage of numerical methods for forward/inverse modeling.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 485-201x, Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications (revision of ANSI/IEEE 485-1997 (R2003))
Covers methods for defining the dc load and for sizing a lead-acid battery to supply that load for stationary battery applications in full float operations are described. Some factors relating to cell selection are provided for consideration.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Covers instructions for conducting and reporting the more generally applicable and acceptable tests to determine the performance characteristics of single-phase induction motors. It is not intended that this standard shall cover all possible tests used in production or tests of a research nature.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Revisions
Covers instructions for conducting and reporting the more generally applicable and acceptable tests to determine the performance characteristics of single-phase induction motors. It is not intended that this standard shall cover all possible tests used in production or tests of a research nature.
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Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Covers instructions for conducting and reporting the more generally applicable and acceptable tests to determine the performance characteristics of single-phase induction motors. It is not intended that this standard shall cover all possible tests used in production or tests of a research nature.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Covers measurements of the electrical properties of naturally occurring solids. Not covered are methods that rely on mapping earth structure anomalies unless directly related to electrical properties. There is limited coverage of numerical methods for forward/inverse modeling.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 485-201x, Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications (revision of ANSI/IEEE 485-1997 (R2003))
Covers methods for defining the dc load and for sizing a lead-acid battery to supply that load for stationary battery applications in full float operations are described. Some factors relating to cell selection are provided for consideration.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Covers instructions for conducting and reporting the more generally applicable and acceptable tests to determine the performance characteristics of single-phase induction motors. It is not intended that this standard shall cover all possible tests used in production or tests of a research nature.
Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org
BSR/IEEE 1185-201x, Recommended Practices for Cable Installation in Generating Stations and Industrial Facilities (revision of ANSI/IEEE 1185-1994 (R2000))

Provides guidance for wire and cable installation practices in generating stations and industrial facilities. This document may also be of benefit for the proper installation of wire and cable in commercial, governmental, and public facilities when similar wire or cable types and raceways are used.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Identifies factors that contribute to lightning-caused faults on overhead distribution lines and suggests improvements to existing and new constructions. This guide is limited to the protection of distribution-line insulation for system voltages 69 kV and below.

Single copy price: $88.00 (IEEE Members); $110.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1505-201x, Standard for Receiver Fixture Interface (revision of ANSI/IEEE 1505-2006)

Develops a common receiver/fixture interface (RFI) specification that is based upon available commercial standards integrated under a common ‘open’ architecture. This mechanical/electrical interface is intended to serve government/commercial interest for applications in test, system integration, manufacturing, monitoring, and other functional requirements that demand large contact densities and quick-disconnect mechanical operation.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1730-201x, Recommended Practice for Distributed Simulation Engineering and Execution Process (revision and redesignation of ANSI/IEEE 1516.3-2003)

Defines the processes and procedures that should be followed by users of distributed simulations to develop and execute their simulations. It is intended as a higher-level framework into which low-level management and system engineering practices native to user organizations can be integrated and tailored for specific uses.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Establishes ratings and requirements for planning, design, testing, installation, and operation of gas-insulated substations for alternating-current applications for above 52 kV. Typical installations are assemblies of specialized devices such as circuit breakers, switches, bushings, buses, instrument transformers, cable terminations, instrumentation and controls, and the gas-insulating system. It does not include certain items that may be directly connected to gas-insulated substations, such as power transformers and protective relaying.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Provides a compilation of terminology and definitions related to electric power and distribution transformers and associated apparatus. This standard also includes similar terminology relating to power systems and insulation, which is commonly involved in transformer technology.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Supplements

BSR/IEEE 802.1Qat-201x, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Stream Reservation Protocol (SRP) (supplement to ANSI/IEEE 802.1Q-2005)

Specifies protocols, procedures, and managed objects, usable by existing higher-layer mechanisms, that allow network resources to be reserved for specific traffic streams traversing a bridged local area network.

Single copy price: $110.00 (IEEE Members); $135.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Specifies changes to several existing physical layers to enable energy-efficient operation of Ethernet. Changes to 10BASE-T include a reduction in transmit voltage requirements. Changes to 100BASE-TX, 1000BASE-T, 10GBASE-T, 10GBASE-KX, 10GBASE-KX4, and 10GBASE-KR include the definition of a Low Power Idle (LPI) mode and mechanisms to communicate and manage the entry and exit into and out of LPI and the operation of this mode. New LLDP TLVs are defined for negotiating system level energy efficiency parameters.

Single copy price: $300.00 (IEEE Members); $375.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org
BSR/IEEE 802.11z-201x, LAN/MAN - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 7: Extensions to Direct Link Setup (DLS) (supplement to ANSI/IEEE 802.11-2007)

Provides Direct Link Setup enhancements to the IEEE 802.11 MAC and PHY, extending direct link setup to be independent of the access point (AP), and adding power save capabilities. The direct link setup is made independent of the AP by tunneling the protocol messages inside data frames.

Single copy price: $80.00 (IEEE Members); $95.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 802.20b-201x, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Bridging of 802.20 (supplement to ANSI/IEEE 802.20-2008)

This standard specifies the mechanism for the support of bridging of IEEE 802.20 networks.

Single copy price: $45.00 (IEEE Members); $55.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 11073-20601a-201x, Health Informatics - Personal Health Device Communication - Part 20601: Application Profile - Optimized Exchange Protocol Amendment 1 (supplement to ANSI/IEEE 11073-20601-2008)

Addresses issues found while implementing the standard and/or testing and certifying products.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Reaffirmations


Covers general recommendations for the operation, loading, and maintenance of turbine-driven synchronous generators, termed turbine generators, having cylindrical rotors. This standard does not apply to generators having salient pole rotors. The generators covered by this guide are to have rated outputs of 10 MVA and above. Cylindrical-rotor, two-pole and four-pole generators below this rating are generally covered by NEMA MG 1.1.

Single copy price: $79.00 (IEEE Members); $102.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Presents a specification format guide for the preparation of a rate-integrating gyro specification that provides a common meeting ground of terminology and practice for manufacturers and users. A compilation of recommended procedures for testing a rate-integrating gyro is given.

Single copy price: $166.00 (IEEE Members); $206.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Provides application information to users of carrier equipment as applied on power transmission lines. Since the major applications of the power-line carrier (PLC) is for protective relaying, special consideration for these applications has been included. Information related to the expanding usage of carriers on distribution lines below 69 kV is not specifically covered. Detailed equipment design information is avoided as this is primarily the concern of equipment manufacturers.

Single copy price: $52.00 (IEEE Members); $63.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org


Presents a specification format guide for the preparation of a rate-integrating gyrospecification. Recommended procedures for testing a rate-integrating gyro are compiled. This standard, when combined with IEEE Std 517-1974 (R1980), defines the requirements and test procedures in terms of characteristics unique to the gyroscopes those applications in which the dynamic angular inputs are significantly greater than the limitations identified in IEEE Std 517.

Single copy price: $74.00 (IEEE Members); $92.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 539-2005 (R201x), Standard Definitions of Terms Relating to Corona and Field Effects of Overhead Power Lines (reaffirmation of ANSI/IEEE 539-2005)

Defines the most widely used terms specific to or associated with overhead power-line corona and field effects.

Single copy price: $52.00 (IEEE Members); $63.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 602.15.1-2005 (R201x), LAN/MAN - Specific Requirements - Part 15.1: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks (WPANs) (reaffirmation of ANSI/IEEE 802.15.1-2005)

Defines physical layer (PHY) and medium access control (MAC) specifications for wireless connectivity with fixed, portable, and moving devices within or entering a personal operating space (POS). A POS is the space about a person or object that typically extends up to 10 m in all directions and envelops the person whether stationary or in motion.

Single copy price: N/A
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org
BSR/IEEE C50.13-2005 (R201x), Standard for Cylindrical-Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above (reaffirmation of ANSI/IEEE C50.13-2005)

Applies to all 50-Hz and 60-Hz, two-pole and four-pole, cylindrical-rotor synchronous generators driven by steam turbines and/or by combustion gas turbines. The drive may be direct or through a gearbox or other device that permits different speeds for the turbine and the generator.

Single copy price: $52.00 (IEEE Members); $63.00 (Non-members)
Order from: +1-800-678-4333; fax:+1-732-981-9667; online: http://shop.ieee.org/ieeestore/
Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

NGCMA (National Golf Car Manufacturers Association)

Revisions

BSR/NGCMA Z130.1-201x, Golf Cars - Safety and Performance Specifications (revision of ANSI/NGCMA Z130.1-2004)

Provides safety and performance specifications relating to golf cars, driven by electric motors and internal combustion engines specifically intended for and used on golf courses for transporting golfers and their equipment. This standard does not apply to Personal Transport Vehicles, (PTVs), which are covered by ANSI Z135.

Single copy price: Free
Obtain an electronic copy from: mwhalen@somerslawfirm.org
Order from: Fred Somers, (770) 394-7200, fsomers@somerslawfirm.org
Send comments (with copy to BSR) to: Same


Provides safety and performance specifications relating to personal transport vehicles, (PTVs), driven by electric motors or internal combustion engines to be operated on designated roadways, or within a closed community where permitted by law or by regulatory authority rules. This standard does not apply to golf cars, which are covered by ANSI Z130.1.

Single copy price: Free
Obtain an electronic copy from: mwhalen@somerslawfirm.org
Order from: Fred Somers, (770) 394-7200, fsomers@somerslawfirm.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ASME (American Society of Mechanical Engineers)

BSR/ASME B18.20.1-199x, Fastener Elements Non-Metallic, Self-Locking Elements (new standard)
BSR/UL 2108-201x, Standard for Safety for Low Voltage Lighting Systems
   (revision of ANSI/UL 2108-2010a)

The following changes in requirements to the Standard for Low Voltage Lighting Systems, UL 2108, are being proposed:
(1) Increase overload test surface temperature limits for power units;
(2) Add requirements for supply connections for Class 2 and exposed bare conductor luminaires;
(3) Add requirements for mounting means for Class 2 luminaires;
(4) Add requirements for recessed housings for air-handling spaces;
(5) Expand Grounding Continuity Test requirements to address bonding of parts other than enclosure;
(6) Add allowance for ambient conditions beyond 25°C in Normal Temperature Test and Installation Instructions;
(7) Add DC test option to Dielectric Withstand Voltage Test for electronic power supplies;
(8) Clarify requirements for damp and wet location products;
(9) Revise enclosure definition; and
(10) Miscellaneous clarifications and editorial corrections.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@us.ul.com
Call for Comment Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of Standards Action – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or standact@ansi.org.

Order from:

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabep.org

ASQ (ASC Z1)
American Society for Quality
600 N Plankinton Ave
Milwaukee, WI 53203
Phone: (414) 272-8575
Fax: (414) 272-1734
Web: standardsgroup.asq.org

ASSE (Safety)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

AWS
American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Ave. NW
Grand Rapids, MI 49504
Phone: 616-285-3963
Fax: 616-285-3765
Web: www.bifma.org

comm2000
1414 Brook Drive
Downers Grove, IL 60515

CSA
CSA America, Inc.
8501 E. Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

Global Engineering Documents
Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3809
Fax: (732) 796-6946
Web: www.ieee.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3227
Fax: (703) 841-3327
Web: www.nema.org

NGCMA
National Golf Car Manufacturers Association
2 Ravinia Drive, Suite 1200
Atlanta, GA 30346-2112
Phone: (770) 394-7200
Fax: (770) 395-7698
Web: www.ngcma.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Norcross, GA 30093
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org
Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

AIHA (ASC Z9) (American Industrial Hygiene Association)
Office: 2700 Prosperity Avenue Suite 250
Fairfax, VA 22031
Contact: Mili Mavely
Phone: (703) 846-0794
Fax: (703) 207-8558
E-mail: mmavely@aiha.org


ASSE (ASC Z359) (American Society of Safety Engineers)
Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187
Contact: Tim Fisher
Phone: (847) 768-3411
Fax: (847) 296-9221
E-mail: TFisher@ASSE.org

BSR/ASSE Z359.0-201x, Definitions and Nomenclature Used for Fall Protection and Fall Arrest (revision of ANSI/ASSE Z359.0-2007)

BHMA (Builders Hardware Manufacturers Association)
Office: 355 Lexington Ave.
15th Floor
New York, NY 10017-6603
Contact: Michael Tierney
Phone: (212) 297-2122
Fax: (212) 370-9047
E-mail: mtierney@kellencompany.com;

BSR/BHMA A156.1-201x, Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2006)
BSR/BHMA A156.15-201x, Standard for Release Devices - Closer Holder, Electromagnetic and Electromechanical (revision of ANSI/BHMA A156.15-2006)
BSR/BHMA A156.18-201x, Materials and Finishes (revision of ANSI/BHMA A156.18-2006)
BSR/BHMA A156.20-201x, Strap and Tee Hinges and Hasps (revision of ANSI/BHMA A156.20-1989 (R1996))
BSR/BHMA A156.26-201x, Continuous Hinges (revision of ANSI/BHMA A156.26-2006)

CEA (Consumer Electronics Association)
Office: 1919 South Eads Street
Arlington, VA 22202
Contact: Catrina Akers
Phone: (703) 907-7060
Fax: (703) 907-5210
E-mail: cakers@ce.org


ISA (ISA)
Office: 67 T.W. Alexander Dr.
Durham, NC 27709
Contact: Linda Wolfe
Phone: (919) 990-9257
Fax: (919)549-8288
E-mail: lwolfe@isa.org

BSR/ISA 62453-1 (103.00.01)-201x, Field device tool (FDT) interface specification - Part 1: Overview and guidance (national adoption with modifications of IEC 62453-1)
BSR/ISA 62453-2 (103.00.02)-201x, Field device tool (FDT) interface specification - Part 2: Concepts and detailed description (national adoption with modifications of IEC 62453-2)

TIA (Telecommunications Industry Association)
Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201
Contact: Teesha Jenkins
Phone: (703) 907-7706
Fax: (703) 907-7727
E-mail: tjenkins@tiaonline.org

BSR/TIA 1183-201x, Test Fixtures for Balun-Less Measurements of Balanced Components and Systems (new standard)
Final actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions


ACCA (Air Conditioning Contractors of America)

Revisions


ANS (American Nuclear Society)

Reaffirmations


API (American Petroleum Institute)

Reaffirmations


ASABE (American Society of Agricultural and Biological Engineers)

New Standards


ASME (American Society of Mechanical Engineers)

Addenda


Revisions


ATIS (Alliance for Telecommunications Industry Solutions)

New Standards


AWS (American Welding Society)

Revisions


AWWA (American Water Works Association)

Revisions


B11 (B11 Standards, Inc.)

Reaffirmations


Revisions

CRRC (Cool Roof Rating Council)

**New Standards**

ANSI/CRRC 1-2010, CRRC-1 Standard (new standard): 11/16/2010

CSA (CSA America, Inc.)

**Revisions**


EIA (Electronic Industries Alliance)

**Revisions**


ITI (INCITS) (InterNational Committee for Information Technology Standards)

**New National Adoptions**


MHI (Material Handling Industry)

New Standards

NEMA (ASC C37) (National Electrical Manufacturers Association)

Reaffirmations
ANSI C37.50-1989 (R2010), Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (reaffirmation of ANSI C37.50-1989 (R2000)): 11/16/2010


Supplements

NEMA (National Electrical Manufacturers Association)

Revisions

NSF (NSF International)

New Standards
ANSI/BIFMA e3-2010, Business and Institutional Furniture Sustainability (new standard): 11/11/2010

RVIA (Recreational Vehicle Industry Association)

Revisions

SCTE (Society of Cable Telecommunications Engineers)

Revisions

SDI (Steel Deck Institute)

Revisions

TechAmerica

Revisions


TIA (Telecommunications Industry Association)

Revisions


Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASDs) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled “American National Standards Maintained Under Continuous Maintenance” for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AIHA (ASC Z88) (American Industrial Hygiene Association)
Office: 2700 Prosperity Avenue Suite 250
Fairfax, VA 22031
Contact: Mili Mavely
Fax: (703) 207-8558
E-mail: mmavely@aiha.org

BSR AIHA Z88.6-201x, Standard for Respirator Protection - Respirator Use - Physical Qualifications for Personnel (revision of ANSI AIHA Z88.6-2006)
Stakeholders: Users, manufacturers, and general interest.
Project Need: To review the existing guidance and update any change in knowledge since the previous edition was published in 2006.
Provides information that is useful for the medical evaluation of respirator users. This standard does not deal with medical surveillance or biological exposure monitoring.

AIHA (ASC Z9) (American Industrial Hygiene Association)
Office: 2700 Prosperity Avenue Suite 250
Fairfax, VA 22031
Contact: Mili Mavely
Fax: (703) 207-8558
E-mail: mmavely@aiha.org

Stakeholders: Manufacturers, users, and general interest.
Project Need: To review the existing guidance and update any change in knowledge since the previous edition was published in 2007.
Establishes minimum criteria for the design and operation of a recirculating industrial process exhaust ventilation system used for contaminant control.

ASSE (ASC Z359) (American Society of Safety Engineers)
Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187
Contact: Tim Fisher
Fax: (847) 296-9221
E-mail: TFisher@ASSE.org

BSR/ASSE Z359.0-201x, Definitions and Nomenclature Used for Fall Protection and Fall Arrest (revision of ANSI/ASSE Z359.0-2007)
Stakeholders: Safety, health, and environmental (occupational SH&E) professionals with fall protection responsibilities.
Project Need: Based upon the consensus of the Z359 Committee and recommendations of the Z359.0 Subgroup.
Establishes the definitions and nomenclature used for fall arrest and fall protection.

Stakeholders: Safety, health, and environmental (occupational SH&E) professionals working with fall protection and fall arrest.
Project Need: Based upon the consensus of the Z359 ASC and recommendations of the Z359.13 Subgroup.
Establishes requirements for the performance, design, marking, qualification, instructions, inspection, maintenance, and removal from service of energy-absorbing lanyards and personal energy absorbers for users within the capacity range of 130 to 310 pounds (59 - 140 kg).

ATIS (Alliance for Telecommunications Industry Solutions)
Office: 1200 G Street, NW
Suite 500
Washington, DC 20005
Contact: Kerrianne Conn
Fax: (202) 347-7125
E-mail: kconn@atis.org

BSR ATIS 1000044-201x, ATIS Identity Management: Requirements and Use Cases Standard (new standard)
Stakeholders: Communication industry.
Project Need: To provide Identity Management (IdM) example use cases and requirements for the Next Generation Network (NGN) and its interfaces.
Provides Identity Management (IdM) example use cases and requirements for the Next Generation Network (NGN) and its interfaces. IdM functions and capabilities are used to increase confidence in identity information and support and enhance business and security applications including identity-based services.
BSR/BHMA A156.26-2006, Continuous Hinges (revision of ANSI/BHMA A156.26-2006)
Stakeholders: Door and hardware manufacturers, installers, builders, and construction.
Project Need: This standard was due for normal revision cycle.
Establishes requirements for architectural continuous hinges used in building construction. Cycle, finish, abuse, overload, vertical wear, and strength tests are included.
BSR/SCTE 177-201x, Specification for 75 ohm, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI cables (new standard)
Stakeholders: Cable telecommunications industry.
Project Need: To create a new standard.
Defines the required performance with regards to electrical and mechanical properties of 75-ohm, Braided, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI applications.

BSR/TIA 1183-201x, Test Fixtures for Balun-Less Measurements of Balanced Components and Systems (new standard)
Stakeholders: Telecommunications industry.
Project Need: To create a new standard.
Defines balun-less measurement methods, topology, and fixtures for measurement of transmission parameters of four-pair (16-port) devices typically utilizing multi-port network analyzers. The methods and fixtures facilitate measurement of all differential mode, mixed mode, and common mode transmission parameters up to at least 1 GHz. These methods anticipate the establishment of requirements for cross-modal and common mode parameters in new and revised cabling standards.

BSR/UL 1067-201x, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (new standard)
Stakeholders: Manufacturers of bonding appliances, casters, anesthesia face masks and anesthesia reservoir bags, breathing tubes, footwear, hose and tubing, mattresses and pads, sheeting, and restraint straps.
Project Need: To obtain national recognition of the Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations, UL 1067.
Covers equipment and materials intended for installation and use in flammable anesthetizing locations where accumulation of static electricity presents a risk of fire or explosion due to the possibility of static sparks being generated in the presence of flammable anesthetic-air mixtures per Article 517 of the NEC, NFPA 70, and Chapter 3 of the Standard for Health Care Facilities, NFPA 99.
Products covered include:
1) bonding appliances;
2) casters;
3) anesthesia face masks and anesthesia reservoir bags;
4) breathing tubes;
5) footwear;
6) hose and tubing;
7) mattresses and pads;
8) sheeting, and
9) restraint straps.
American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.
ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

CRANES (TC 96)
ISO/DIS 7752-2, Cranes - Control layout and characteristics - Part 2: Basic arrangement and requirements for mobile cranes - 2/17/2011, $53.00
ISO/DIS 11660-4, Cranes - Access, guards and restraints - Part 4: Jib cranes - 2/17/2011, $40.00

GAS CYLINDERS (TC 58)
ISO/DIS 11119-1, Gas cylinders of composite construction - Specification and test methods - Part 1: Hoop wrapped composite gas cylinders and tubes - 2/16/2011, $98.00
ISO/DIS 11515, Gas cylinders - Refillable composite reinforced tubes of water capacity between 150 L and 3000 L - Design, construction and testing - 2/15/2011, $112.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)
ISO/DIS 19144-2, Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) - 2/17/2011, $165.00

HEALTH INFORMATICS (TC 215)
ISO/DIS 1828, Health informatics - Categorial structure for classifications and coding systems of surgical procedures - 2/17/2011, $67.00

IMPLANTS FOR SURGERY (TC 150)
ISO/DIS 27185, Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements - 2/15/2011, $112.00

INDUSTRIAL TRUCKS (TC 110)

SHIPS AND MARINE TECHNOLOGY (TC 8)
ISO/DIS 13613, Ships and marine technology - Maintenance and testing to reduce losses in critical systems for propulsion - 2/15/2011, $62.00

STEEL (TC 17)
ISO/DIS 16172, Continuous hot-dip metallic-coated steel sheet for corrugated steel pipe - 2/18/2011, $53.00

WATER QUALITY (TC 147)
ISO/DIS 9308-2, Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 2: Most probable number method - 2/16/2011, $67.00
Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org/faq.aspx#resellers).

HYDROMETRIC DETERMINATIONS (TC 113)

ISO 2425:2010, Hydrometry - Measurement of liquid flow in open channels under tidal conditions, $116.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)


SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 24409-1:2010, Ships and marine technology - Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings - Part 1: Design principles, $104.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 10810:2010, Surface chemical analysis - X-ray photoelectron spectroscopy - Guidelines for analysis, $116.00

ISO Technical Reports

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO/TR 22442-4:2010, Medical devices utilizing animal tissues and their derivatives - Part 4: Principles for elimination and/or inactivation of transmissible spongiform encephalopathy (TSE) agents and validation assays for those processes, $80.00

NANOTECHNOLOGIES (TC 229)

ISO/TR 12802:2010, Nanotechnologies - Model taxonomic framework for use in developing vocabularies - Core concepts, $104.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14543-5-4:2010, Information technology - Home electronic system (HES) architecture - Part 5-4: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - Device validation, $206.00
Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

E-CUBE
Public Review: October 29, 2010 to January 27, 2011

ECGRID
Public Review: September 10 to December 9, 2010

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.
American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain formal de jure IT standards. INCITS’ mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)
- business (large/small businesses and consultants)

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org.

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE’s standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANSI consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE’s membership rules and operating procedures. More information is available at www.scte.org or by email from standards@scte.org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

The National Floor Safety Institute (NFSI)

The National Floor Safety Institute (NFSI), a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI’s Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2010 version of the ANSI Essential Requirements, effective November 19, 2010. For additional information, please contact: Ms. Laura Cooper, Manager, Member Relations, National Floor Safety Institute, P.O. Box 92607, Southlake, TX 76092; PHONE: (817) 749-1700; FAX: (817) 749-1702; E-mail: laurac@nfsi.org.

Reaccreditation

Underwriters Laboratories (UL)

Comment Deadline: December 27, 2010

Underwriters Laboratories (UL) has submitted revisions to its Regulations Governing ANSI/UL Standards Technical Panels under which it was recently reaccredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of UL’s revised procedures or to offer comments, please contact: Ms. Deborah Prince, STP Chair/Membership Coordinator, Underwriters Laboratories, 12 Laboratory Drive, Research Triangle Park, NC 27709; PHONE: (919) 549-1460; FAX: (919) 547-6178; E-mail: deborah.r.prince@us.ul.com. You may view/download a copy of the revisions during the public review period at the following URL:

http://publicaaansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fpadl%2fDocuments%2fStandards%2fActivities%2fPublic%2fReview%20and%20Comments%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dad817%2dd4CD7%2daAA09%2dbABEEC5D7C60%7d.

Please submit public comments to UL by December 27, 2010, with a copy to the ExSC Recording Secretary in ANSI’s New York Office (E-mail: Jthomps@ANSI.org).

U.S. Technical Advisory Groups

Approval of Reaccreditation

U.S. TAG to ISO/TC 236 – Project Committee: Project Management

ANSI’s Executive Standards Council has approved the reaccreditation of the U.S. Technical Advisory Group to ISO/TC 236, Project Committee: Project Management, under revised TAG operating procedures and with the Project Management Institute (PMI) continuing as TAG Administrator, effective November 19, 2010. For additional information, please contact: Ms. Quynh Woodward, MBA, Standards Compliance Specialist, Project Management Institute, 14 Campus Boulevard, Newtown Square, PA 19073-3299; PHONE: (610) 356-4600, ext. 7034; Email: quynh.woodward@pmi.org.
## Standards Action Publishing Schedule for 2011, Volume No. 42

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<tr>
<th>Issue No.</th>
<th>Dates to Submit Data to PSA</th>
<th>Standards Action Dates &amp; Public Review Comment Deadlines</th>
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<tr>
<td></td>
<td>Submit Start</td>
<td>Submit End</td>
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</tbody>
</table>

Direct inquiries to: Mary Weldon at: 212-642-4908 E-mail: mweldon@ansi.org
# Standards Action Publishing Schedule for 2011, Volume No. 42

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Direct inquiries to: Mary Weldon at: 212-642-4908 E-mail: mweldon@ansi.org
### Changes to IEC document for ISA adoption

<table>
<thead>
<tr>
<th>Section number</th>
<th>Changes:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.1.1</strong></td>
<td>3.1.1</td>
</tr>
<tr>
<td></td>
<td><strong>actor</strong></td>
</tr>
<tr>
<td></td>
<td>coherent set of roles that users of use cases play when interacting with these use cases</td>
</tr>
<tr>
<td></td>
<td>[based on ISO/IEC 19501]</td>
</tr>
</tbody>
</table>

| **4.2.2**      | Addition to last sentence of first paragraph |
|                | The manufacturer is able to define the configuration, service and diagnostic functions and also to design the appearance of devices and modules in the engineering environment of the automation system in accordance with the FDT standards. |

| **4.2.3**      | Addition at end of first paragraph |
|                | The control system manufacturer or integrator has to implement the defined interfaces for the integration of all fieldbus devices and modules only once. Manufacturer-specific and/or device-specific implementations and their maintenance are eliminated. The control system manufacturer or integrator needs to ensure that his implementation of interfaces for the integration of all fieldbus devices and modules is in compliance with the inter-operability requirements set forth in the FDT standard. |

| **4.3.1**      | Changed wording in last bullet before 4.3.2 |
|                | • graphical interfaces are provided to allow interactive access to the functionality of the intelligent field devices and its DTM to the human beings. These aspects are represented by so-called presentation objects. |

<p>| <strong>4.3.4</strong>      | Changed wording of seventh paragraph |
|                | The DTM representing the device, block or module behavior uses the Communication Channel for data transaction (i.e., DTM are communication clients). Assuming that a device is directly connected to a fieldbus the FDT object hierarchy is as shown in Error! Reference source not found. at the right side. The DTM communicates to the device using the Communication Channel. If the device is plugged to a communication hierarchy (Error! Reference source not found. left side) this hierarchy is represented at the software side using associated FDT objects. Each fieldbus is represented by a Communication Channel and the crossover between the fieldbusses by associating objects, in this example a gateway DTM. The device DTM does not recognize the underlying communication hierarchy. According to this model, the device DTM maintains the functionality of the device and the used Communication Channel object supports external communication. |</p>
<table>
<thead>
<tr>
<th>Section</th>
<th>Change Type</th>
<th>Original Text</th>
<th>Revised Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3.4</td>
<td>Word struck from Ninth paragraph</td>
<td>Each Process Channel provides information to access and interpret about device specific I/O values (e.g. data types, ranges, alarms, etc.), (see Error! Reference source not found.).</td>
<td></td>
</tr>
<tr>
<td>5.6.1</td>
<td>Addition to second paragraph</td>
<td>The IEC 62453-6z parts have informative content and explain the additions to IEC 62453 which are necessary to implement a consistent look and feel based on a specific technology. While there will be technical specifics, in general the overall look and feel for each protocol should follow a similar style guide. Each Part 6x defines support for a specific technology, Part 61 specifies the style guide for a common object model technology.</td>
<td></td>
</tr>
<tr>
<td>8.1</td>
<td>Last paragraph - Word change</td>
<td>Each technology-dependent implementation technology dependent detail of the services is described in Part 41. This means that the syntax of the service primitives in detail as well as the interface definition for FDT is specified.</td>
<td></td>
</tr>
<tr>
<td>Annex A</td>
<td>Generalization Added a “d” to “use”</td>
<td>Generalization is the taxonomic relationship between a more general element and a more specific element that is fully consistent with the first element and that adds additional information. It is used for classes, packages, use cases, and other elements. The construct is also used to describe Inheritance (see Error! Reference source not found.).</td>
<td></td>
</tr>
<tr>
<td>Annex A</td>
<td>Interface next-to-last sentence - Change of wording</td>
<td>An interface may be inherited by an abstract class, as well as by a concrete class. A concrete class may also implement an interface. In Error! Reference source not found., the concrete class implements Interface1 (inherited with abstract class) as well as Interface2.</td>
<td></td>
</tr>
</tbody>
</table>
Vendor-specific protocols shall be in general accordance with IEC-62453-xy document to the extent possible to ensure compatibility and inter-operability when both DTMs are installed in the same system.

The services LoadInstanceData (see Error! Reference source not found.) and service SaveInstanceData (see Error! Reference source not found.) enable the DTM to save and load instance-related data in the Frame Application project storage. The Frame Application has to guarantee the data consistency for multi-user and multi-client data access. The 'FA services for DTM data synchronization' (see Error! Reference source not found.) shall be used by the DTM to attempt locking of its instance-related data before alteration. The 'DTM services related to data synchronization' (see Error! Reference source not found.) shall be used by the Frame Application to notify a DTM about events, for example if data was locked by another DTM instance. See Error! Reference source not found. Multi-user scenarios.

For example the DTM allows the maintenance actor during commissioning phase the complete Online parameterization, but during runtime phase it does not allow it or it allows it only for some of its parameters. During shutdown periods (for Turnaround & Inspection or for some other reason), an extended access to parameterization may be allowed subject to the configuration setting in the System.

Note: The understanding is that the terms in Tables 7 to 10 are as follows:

- “No Access” - User Level is not able to view data referenced in Use Case
- “Accessible” - User Level is able to view and print data referenced in Use Case
- “Fully Accessible” - User Level is able to access all parameters as per “Accessible” plus the ability to edit/alter data referenced in Use Case
- “Accessible for View Only” - User Level can view but not alter or print data
<table>
<thead>
<tr>
<th>Section</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2.4.4</td>
<td>Deletion of redundant “that” The service informs the DTM that it shall release the Communication Channel set by service SetLinkedCommunicationChannel (see Error! Reference source not found.).</td>
</tr>
<tr>
<td>8.5.1</td>
<td>Added “not” in first sentence of fifth paragraph In order to prevent multi-DTM-access to the device, online writable access to a device shall be provided only if the instance data set is not locked. This means the data set shall be locked only if services are executed that change device data (e.g. Online Parameterization GUI and service WriteDataToDevice) but not when device data is read only (e.g., observation).</td>
</tr>
<tr>
<td>8.5.2</td>
<td>Sentence added at end of second paragraph The following sequence diagram (Error! Reference source not found.) shows the general flow of events in case of a DTM supporting the synchronized locking mechanism. The second and third rungs describe how data is saved and then forwarded in the future.</td>
</tr>
<tr>
<td>8.5.3</td>
<td>Change to second bullet • before loading data from the device the DTM shall also try to lock the dataset, after loading the data from the device, the DTM should request the FA to store its data and unlock dataset after FA has stored the dataset. Preference is for data to be retained by Frame Application in memory until lock has been cleared and then request User if they wish to implement the requested action; If the data set could not be locked, the DTM shall inform the user by an error message. In that case, the action will not be performed;</td>
</tr>
</tbody>
</table>
1. Requirements for fireplace stove top loading doors

PROPOSAL

11.12 Throughout the fire tests, there shall be no evidence of spillage of products of combustion or flame from the fireplace stove. Intermittent or sporadic wisps of smoke (smoking not over 15 seconds at a time) is not to be regarded as spillage. **Exception: When the unit is fueled through an opening in the top of the unit that is intended to be open only when fuel is added, light intermittent or sporadic flickers of flame not exceeding 6 inches (152 mm) above the opening are permitted.**

11.13 With reference to 11.12, spillage of flame is to be observed as follows:

a) Any time a door is opened for fueling the unit for the Brand Fire Test and Flash Fire Test; and

b) When the maximum temperatures have been attained during the Brand Fire Test, the air inlets are to be adjusted to that point of their operating range to create maximum flame spillage.

A feed door, when provided, is then to be opened at a moderate rate 2 minutes after fuel is added and similarly reopened at every subsequent fuel loading until it is evident that there is no spillage of flame from the unit. Units with top loading doors are to be evaluated for smoke and flame spillage from the top opening with the appliance operating with the front door open and screen in place as well as with the front door closed. Manufacturer’s instructions regarding operation of a damper or by-pass mechanism when adding fuel for are to be followed. Instructions regarding operation of a damper or by-pass shall be included in the operating instructions provided with the appliance.
BSR/UL 943

1. Receptacle Type GFCI Reverse Line-Load Miswire - Reinstallation of GFCIs (PR12077)

PROPOSAL

5.14.6 A receptacle type GFCI that contains separate line and load terminals shall comply with Clause 5.14.5 during its initial installation and after reinstallation following a correctly wired installation. If the device is provided with special instructions for removal and reinstallation, the instructions shall be followed during testing. See Section 6.23A.

5.14.7 The requirement of Clause 5.14.6 does not apply to a receptacle type GFCI marked in accordance with Clause 7.3.7.

6.23A Reverse line-load miswire test - repeated

6.23A.1 When a supply circuit is wired to the load terminals of a receptacle GFCI after reinstallation following a correctly wired installation, the same device subjected to the test described in Section 6.23 shall interrupt the electric circuit to the receptacle face and line terminals or not permit power to be applied to the receptacle face and line terminals when the power is first applied and each time the reset is operated. Compliance is to be determined by the test described in Clause 6.23A.2

6.23A.2 The same device subjected to the test described in Section 6.23 is to be correctly wired to a supply of rated voltage. The test and reset button are to be actuated to verify the proper functioning of the device when wired correctly. Following any specific instructions for the rewiring or reuse of the device, if provided, the device is to be removed from the supply source, and then reinstalled with its load terminals connected to a supply of rated voltage. The reset shall be operated ten times in rapid succession.

7.3.7 A receptacle type GFCI not intended to be removed and reinstalled shall be marked "Warning - Risk of electric shock- Do not reinstall this device after removal" in letters min. 1.6 mm (1/16 in.) high. The marking shall be located where exposed to view when the field-wiring terminals are exposed to view.
7.3.8 A receptacle type GFCI requiring a special procedure to be followed for compliance with the Reverse line-load miswire test of Clause 6.23 after being removed and reinstalled shall be marked "Warning - Risk of electric shock - See installation instructions for removal and reinstallation procedure" in letters min. 1.6 mm (1/16 in.) high. The marking shall be located where exposed to view when the field-wiring terminals are exposed to view. See Clause 8.1.7

8.1.7 A receptacle type GFCI requiring special instructions to be followed for compliance with the repeated Reverse line-load miswire test of Clause 6.23A shall include such instructions in the instruction sheet specified in Clause 8.1.2. These instructions shall be considered special instructions in accordance with Clause 8.1.3