ANSI STANDARDS ACTION

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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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: August 2, 2015

NSF (NSF International)

Revision

BSR/NSF 61-201x (i121), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 218-201X, Standard for Fire Pump Controllers (revision of ANSI/UL 218-2009)

Revisions to 7.14.1, 7.14.2, 14.2.7, and Annex A due to comments received on CSA's Ballot.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1897-201x, Standard for Uplift Tests for Roof Covering Systems (revision of ANSI/UL 1897-2004 (R2012))

The following topics for the Standard for Uplift Tests for Roof Covering Systems, UL 1897, is being recirculated: (a) Adds clarity to UL 1897 as it relates to the conditions of acceptance, and (b) Includes the 2 X 2 pull test and 5 X 9 wind uplift test methods.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Ritu Madan, (847) 664-3297, ritu.madan@ul.com

Comment Deadline: August 17, 2015

AIIM (Association for Information and Image Management)

New National Adoption

BSR/AIIM/ISO 17469-1-201x, Document management applications - Strategy markup language (StratML) - Part 1: StratML core elements (identical national adoption of ISO 17469-1:2015 and revision of ANSI/AIIM 21-2009)

This standard specifies an Extensible Markup Language (XML) vocabulary and schema (XSD) for the elements that are common and considered to be part of the essential core of the strategic plans of all organizations worldwide.

This standard will not address:

- how the information contained in strategic and performance plans and reports should be presented;

- specify font sizes or colors, page margins or numbering, or how graphics should be displayed; and

- provide guidance on how to compile high-quality plans, beyond specifying the basic elements they should contain.

Single copy price: $45.00

Order from: Betsy Fanning, (301) 755-2682, bfanning@aiim.org

Send comments (with copy to psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

BSR/ASABE AD5674-201x, Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (national adoption with modifications of ISO 5674:2004)

Update to ISO 5674:2004. Identify/document appropriate deviations in forward.

Single copy price: $55.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

Send comments (with copy to psa@ansi.org) to: Same

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31T-201X, Standard Toughness Requirements for Piping (revision of ANSI/ASME B31T-2010)

This standard provides requirements for evaluating the suitability of materials used in piping systems for piping that may be subject to brittle failure due to low-temperature service conditions.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Noel Lobo, (212) 591-8460, lobon@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600015.02-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Transport and Optical Access Requirements (revision of ANSI/ATIS 0600015.02-2014)

This document specifies the definition of tTransport and optical aAccess products and systems as well as a methodology to calculate the Telecommunication Energy Efficiency Ratio (TEER) of a transport or optical access system or network configuration. The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to psa@ansi.org) to: Same

AWS (American Welding Society)

Revision

BSR/AWS D18.3/D18.3M-201x, Specification for Welding of Tanks, Vessels, and Other Equipment in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.3/D18.3M-2005)

This specification covers the requirements for welding of stainless steels and nickel alloys (as well as carbon steels and other metals for some applications) in sheet, plate, bar, and other forms for the fabrication and construction of new tanks, vessels, and other equipment in sanitary (hygienic) applications. The welding of pipe or tube to a tank, vessel, or other piece of sanitary equipment, for use as a nozzle or other opening, is included in this specification. This specification excludes the welding of tube and pipe for the transportation of sanitary (hygienic) system products and cleaning or sanitizing solutions.

Single copy price: $28.00

Obtain an electronic copy from: pportela@aws.org

Order from: Peter Portela, (305) 443-9353, pportela@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443 -9353, x466, adavis@aws.org

CSA (CSA Group)

Revision

BSR Z83.8-201x, Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters, and Gas-Fired Duct Furnaces (same as CSA 2.6) (revision of ANSI Z83.8-2009)

Details test and examination criteria for gas packaged heaters, utility heaters, unit heaters, and gas-fired duct furnaces for use with natural, manufactured, and mixed gases; LP gases; and LP gas-air mixtures. A unit heater may either be suspended or floor-mounted and may be of the low- or high-static pressure type. Duct furnaces are normally installed in distribution ducts of A/C systems to supply warm air for heating and depended on for air circulation on a blower not furnished as a part of the furnace

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

Send comments (with copy to psa@ansi.org) to: Same

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

New Standard

BSR/ASSE Series 9000-2015, Professional Qualifications Standard for Firestop Systems and Smoke-Limiting Materials for Piping Systems (new standard)

This standard applies to any individual who installs and/or inspects firestop systems or smoke-limiting materials. It establishes minimum requirements for the training and qualifications of installers and inspectors of firestop systems or smoke-limiting materials.

Single copy price: $60.00

Obtain an electronic copy from: marianne.waickman@asse-plumbing.org

Order from: Marianne Waickman, (708) 995-3015, marianne. waickman@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Same

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Reaffirmation

ANSI/ASSE Series 8000-2011 (R2015), Self-Contained Breathing Apparatus (SCBA) Replenishment Systems Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 8000-2011)

This standard applies to any individual who installs and/or inspects Self-Contained Breathing Apparatus (SCBA) Replenishment systems. Installers include anyone who works on or installs piping or components, including welders. Inspectors include anyone who inspects the installation of SCBA replenishment systems. SCBA replenishment systems and equipment covered in this standard include structures within the scope of the IAPMO UPC 2009, Uniform Plumbing Code, Appendix F, Firefighter Breathing Air Replenishment Systems.

Single copy price: $60.00

Obtain an electronic copy from: marianne.waickman@asse-plumbing.org

Order from: Marianne Waickman, (708) 995-3015, marianne. waickman@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Same

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Reaffirmation

BSR/ASSE Series 10000-2011 (R2015), Professional Qualifications Standard for Green Plumbing Systems Installers (reaffirmation of ANSI/ASSE Series 10000-2011)

This standard applies to an individual who installs green plumbing systems and provides layout, detail, and calculations for such systems. The purpose is to provide minimum performance criteria for green plumbing system installers.

Single copy price: $60.00

Obtain an electronic copy from: marianne.waickman@asse-plumbing.org

Order from: Marianne Waickman, (708) 995-3015, marianne. waickman@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Same

ICC (ASC A117) (International Code Council)

Revision

BSR ICC A117.1-201x, Accessible and Usable Buildings and Facilities (revision of ANSI ICC A117.1-2009)

Site design and architectural features affecting the accessibility and usability of buildings and facilities, consideration to be given to all types of physical and sensory disabilities, to publicly used buildings and facilities, and to residential structures.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/icc-asc-a117/

Order from: Edward Wirtschoreck, (708) 799-2300, ewirtschoreck@iccsafe.org

Send comments (with copy to psa@ansi.org) to: Same

ISA (International Society of Automation)

New Standard

BSR/ISA 95.00.07-201x, Enterprise-Control System Integration - Part 7: Alias Service Model (new standard)

The ISA95 series of standards defines enterprise-control system integration. This Part 7 standard defines an alias service model that includes a set of services and exchange information used to map identifiers from one identifier repository with a metadata registry to another identifier repository using a different metadata registry.

Single copy price: $99.00

Obtain an electronic copy from: crobinson@isa.org

Order from: Charles Robinson, (919) 990-9213, crobinson@isa.org

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

BSR ICEA S-113-684-201x, Performance-Based Standard for Electric Utility Extruded Dielectric Shielded Power Cables Rated 5 through 46 KV (new standard)

This standard provides the basis for designing non-traditional shielded power cables that will be rated 5 to 46 kV and be used for the transmission and distribution of electrical energy. These non-traditional cables will normally have overall diameters that are less than the diameters of what are considered shielded power cables. Manufacturers will design their cables based on what they have determined to be the maximum acceptable electrical stress levels that will not adversely affect their cable's performance.

Single copy price: $253.00

Order from: Kevin Connelly, (703) 841-3299, Kevin.Connelly@Nema.org

Send comments (with copy to psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 553 om-201x, Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (new standard)

This test method covers a procedure used to measure the resistance to bending of papers which are of low grammage, or high flexibility, or both, and which exhibit bending stiffness in the range of 0 to 10 Taber stiffness units.

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 psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1411-2011 (R201x), Standard for Safety for Transformers and Motor Transformers for Use in Audio-, Radio-, and Television- Type Appliances (reaffirmation of ANSI/UL 1411-2011)

Reaffirmation of ANSI approval is proposed for UL 1411.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1426-2010 (R201x), Standard for Electrical Cables for Boats (reaffirmation of ANSI/UL 1426-2010)

Reaffirmation and continuance of the fifth edition of the Standard for Electrical Cables for Boats, UL 1426, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 719-201X, Standard for Safety for Nonmetallic-Sheathed Cables (Proposal dated 07-03-15) (revision of ANSI/UL 719-2013)

This proposal includes reorganization of UL 719.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.1-201x, Prescription Spectacle Lenses (revision of ANSI Z80.1 -2010)

This standard applies to all prescription dress ophthalmic spectacle lenses in edged or assembled form. It is a guideline for entities that fabricate, assemble, or process dress eyewear or lens components. It is applicable to prescription eyewear prior to transfer for dispensing and for the dispenser prior to the delivery of the finished dress eyewear to the patient. Relevant optical and physical specifications and tolerances of this standard also apply to uncut lenses.

Single copy price: $65.00

Obtain an electronic copy from: arobinson@thevisioncouncil.org

Order from: Amber Robinson, (703) 740-1094, arobinson@thevisioncouncil.org

Send comments (with copy to psa@ansi.org) to: Same

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.3-201x, Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2010)

This standard applies to all nonprescription sunglasses and fashion eyewear, normally used for casual, dress, and recreational purposes, having lenses of substantially plano power. This standard specifically excludes products covered by ANSI Z87.1, ANSI Z80.1, ASTM F803, and high-impact resistance eyewear designed exclusively for designated sports use. Sunglass needs for aphakics may not be met by this standard.

Single copy price: $65.00

Obtain an electronic copy from: arobinson@thevisioncouncil.org

Order from: Amber Robinson, (703) 740-1094, arobinson@thevisioncouncil.org

Send comments (with copy to psa@ansi.org) to: Same

Comment Deadline: September 1, 2015

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME B29.28-201x, High Strength Chains for Power Transmission and Tension Linkages (new standard)

This Standard covers roller chains that are specifically designed to withstand occasional high shock loads or high starting loads that are encountered in certain construction equipment and other severe-duty applications.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmondr@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME PTC 1-201X, General Instructions (revision of ANSI/ASME PTC 1-2011)

This document provides direction to users and code-writing committees of Performance Test Codes (PTCs). Code users shall consider it as part of each test. PTC 1 provides instructions to define the purpose and scope of ASME PTCs, to list major industry applications where PTCs can be used, and to provide direction on the use of equipment PTCs concerning the planning, preparation, implementation, and reporting of test results.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

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

Withdrawal

INCITS/ISO/IEC TR 20943-1-2003 [R2014], Information technology - Procedures for achieving metadata registry (MDR) content consistency - Part 1: Data elements (withdrawal of INCITS/ISO/IEC TR 20943-1-2003 [R2014])

ISO/IEC TR 20943-1:2003 is limited to the associated items of a data element: the data element identifier, names and definitions in particular contexts, and examples; data element concept; conceptual domain with its value meanings; and value domain with its permissible values.

Single copy price: $60.00

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

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

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 9007:1987 [2010], Information processing systems - Concepts and terminology for the conceptual schema and the information base (withdrawal of INCITS/ISO/IEC TR 9007:1987 [2010])

This Technical Report type 3 contains the fundamental concepts and terminology for the conceptual schema, the information base, and the mechanisms involved in manipulating them. The approaches and associated languages described in the appendices A through H are intended to be explanatory only.

Single copy price: $60.00

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

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

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR 9789:1994 [2010], Information technology - Guidelines for the organization and representation of data elements for data interchange - Coding methods and principles (withdrawal of INCITS/ISO/IEC TR 9789:1994 [2010])

Provides general guidance on the manner on which data can be expressed by codes. Describes the objectives of coding; the characteristics, advantages, and disadvantages of different coding methods; and the features of codes; and gives guidelines for the design of codes. Examples of applications are ISO 9735:1988, ISO 8601:1988, and ISO 3166:1993.

Single copy price: $60.00

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

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

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR-15944-6:2009 [2010], Information technology - Business Operational View - Part 6: Technical introduction to e-Business modelling (withdrawal of INCITS/ISO/IEC TR-15944-6:2009 [2010])

ISO/IEC TR 15944-6:2009 discusses and describes the following three topics of eBusiness modelling: fundamentals of business transaction modelling that describe the conceptual aspects of eBusiness; principles of eBusiness modelling that specify the semantic aspect of business transactions and their components and relationships involved in the business transaction; classification scheme of Open-edi scenarios based on eBusiness modelling.

Single copy price: $60.00

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

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

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

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

Withdrawal

INCITS/ISO/IEC TR-20943-3:2004 [2010], Information technology - Procedures for achieving metadata registry content consistency - Part 3: Value domains (withdrawal of INCITS/ISO/IEC TR-20943-3:2004 [2010])

The purpose of this technical report is to describe a set of procedures for the consistent registration of value domains and their attributes in a registry. This technical report is not a data entry manual, but a user's guide for conceptualizing a value domain and its components for the purpose of consistently establishing good quality metadata. An organization may adapt and/or add to these procedures as necessary.

Single copy price: $60.00

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

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

Send comments (with copy to psa@ansi.org) to: Comments@itic.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

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

INCITS/ISO/IEC TR 19120:2001, Geographic information - Functional standards (Technical Report)

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

INCITS/ISO/IEC TR 19122:2004, Geographic information / Geomatics - Qualification and certification of personnel (Technical Report)

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.

CRSI (Concrete Reinforcing Steel Institute)

Office: 933 North Plum Grove Road
Schaumburg, IL 60173

Contact: *Mike Mota*

Phone: (856) 264-3851

E-mail: mmota@crsi.org

BSR/CRSI IPG2.1-2016, Standard for Detailing of Steel Reinforcing Bars (new standard)

BSR/CRSI IPG4.1-2016, Standard for Fabrication of Stainless Steel Reinforcing Bars (new standard)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Phone: (919) 990-9213

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 95.00.07-201x, Enterprise-Control System Integration - Part 7: Alias Service Model (new standard)

Obtain an electronic copy from: crobinson@isa.org

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

Office: 1101 K Street, NW
Suite 610
Washington, DC 20005-3922

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC TR 20943-1-2003 [R2014], Information technology - Procedures for achieving metadata registry (MDR) content consistency - Part 1: Data elements (withdrawal of INCITS/ISO/IEC TR 20943-1-2003 [R2014])

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

INCITS/ISO/IEC TR 9007:1987 [2010], Information processing systems - Concepts and terminology for the conceptual schema and the information base (withdrawal of INCITS/ISO/IEC TR 9007:1987 [2010])

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

INCITS/ISO/IEC TR 9789:1994 [2010], Information technology - Guidelines for the organization and representation of data elements for data interchange - Coding methods and principles (withdrawal of INCITS/ISO/IEC TR 9789:1994 [2010])

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

INCITS/ISO/IEC TR-15944-6:2009 [2010], Information technology - Business Operational View - Part 6: Technical introduction to e-Business modelling (withdrawal of INCITS/ISO/IEC TR-15944-6:2009 [2010])

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

INCITS/ISO/IEC TR-20943-3:2004 [2010], Information technology - Procedures for achieving metadata registry content consistency - Part 3: Value domains (withdrawal of INCITS/ISO/IEC TR-20943-3:2004 [2010])

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

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Germaine Palangdao*

Phone: (703) 907-7497

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179 -2010)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Alan McGrath*

Phone: (847) 664-3038

Fax: (847) 664-3038

E-mail: alan.t.mcgrath@ul.com

BSR/UL 218-201X, Standard for Fire Pump Controllers (revision of ANSI/UL 218-2009)

Obtain an electronic copy from: http://www.comm-2000.com/

BSR/UL 1426-2010 (R201x), Standard for Electrical Cables for Boats (reaffirmation of ANSI/UL 1426-2010)

Obtain an electronic copy from: http://www.comm-2000.com

Call for Members (ANS Consensus Bodies)

UL Standards Committees

STP 464 – Signal Appliances

Underwriters Laboratories (UL) seeks to have STPs in which an interest category does not make up more than one-third of the overall voting membership. UL is seeking representatives from the following interest categories to serve on STP 464, Signal Appliances:
AHJ: Those involved in the regulation or enforcement of the requirements of codes and standards at a regional (e.g., state or province) and/or local level. The authority having jurisdiction may be a regional or local department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, state department of insurance official, labor department, or health department; building official; electrical inspector; or others having statutory authority.
Commercial/Industrial User: Organizations that use the product, systems, or service covered by the applicable standards under the STP in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representative of organizations that produce products, systems, or services covered by the standard, whose organization also use the product, system, or services, are not eligible for STP membership under this category.
General Interest: Consultants (for a variety of interests and not specifically representing an organization on the STP), members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by the STP, and other individuals etc. that are not covered by the other participation categories.
Supply Chain: Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components, installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by STP 464 but solely use contract manufacturers to make those products are considered part of the Supply Chain interest category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the Supply Chain interest category.
Testing and Standards Organization: Organizations that test and/or certify products, services, or systems covered by the standard, or that develop standards/codes related to the products, services, or systems covered by the Standard.

STP 464 covers the following UL Standards for Safety:

UL 464, Audible Signal Appliances
UL 1480, Speakers for Fire Protective Signaling Systems
UL 1638, Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling
UL 1971, Signaling Devices for the Hearing Impaired

Inquiries regarding membership should be sent to:
Paul Lloret
Underwriters Laboratories Inc.
455 East Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6618
E-mail: paul.e.lloret@ul.com

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.

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

Addenda

ANSI/ASHRAE/IES Addendum aa to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum ad to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum ae to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum ag to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum bm to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum e to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum n to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum q to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

ANSI/ASHRAE/IES Addendum z to Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/26/2015

New Standard

ANSI/ASHRAE Standard 188P-2015, Legionellosis: Risk Management for Building Water Systems (new standard): 6/26/2015

ASTM (ASTM International)

Withdrawal

ANSI/ASTM F1756-1997a (R2008), Guide for Implementation of a Fleet Management System Network (withdrawal of ANSI/ASTM F1756-1997a (R2008)): 5/26/2015

IESNA (Illuminating Engineering Society of North America)

Reaffirmation

ANSI/IESNA DG-3-2000 (R2015), Application of Luminaire Symbols on Lighting Design Drawing (reaffirmation of ANSI/IESNA DG-3 -2000 (R2010)): 6/25/2015

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

* ANSI C78.379-2006 (R2015), Electric Lamps - Classification of the Beam Pattern of Reflector Lamps (reaffirmation of ANSI C78.379 -2006 (R2010)): 6/25/2015

* ANSI C78.390-2006 (R2015), Electric Lamps - Method of Designation for Electric Lamps-Miniature and Sealed-Beam Incandescent Lamps (reaffirmation of ANSI C78.390-2006): 6/25/2015

NSF (NSF International)

Revision

ANSI/NSF 170-2015 (i16r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2011): 6/22/2015

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 5A-2015, Standard for Safety for Nonmetallic Surface Raceways and Fittings (revision of ANSI/UL 5A-2008 (R2013)): 6/26/2015

ANSI/UL 5A-2015a, Standard for Safety for Nonmetallic Surface Raceways and Fittings (revision of ANSI/UL 5A-2008 (R2013)): 6/26/2015

ANSI/UL 5A-2015b, Standard for Safety for Nonmetallic Surface Raceways and Fittings (revision of ANSI/UL 5A-2008 (R2013)): 6/26/2015

ANSI/UL 1077-2015, Standard for Safety for Supplementary Protectors for Use in Electrical Equipment (revision of ANSI/UL 1077-2013): 6/25/2015

ANSI/UL 1769-2015, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2014): 6/25/2015

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) 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.

ASME (American Society of Mechanical Engineers)

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BSR/ASME HST-2-201x, Performance Standard for Hand Chain Manually Operated Chain Hoists (revision of ANSI/ASME HST-2 -2014)

Stakeholders: Shipping, designers, heavy lifting, construction, transporters of materials.

Project Need: Update the information provided by the standard and update the formatting of the document to reflect changes made in newer standards.

This Standard establishes performance requirements for hand chain manually operated chain hoists for vertical lifting service involving material handling of freely suspended (unguided) loads, using welded link type load chain as a lifting medium, with one of the following types of suspension: (1) hook or clevis; (2) trolley
This Standard is applicable to hoists manufactured after the date on which this Standard is issued. Differential pulley and self-locking worm drive type hoists are not covered in this Standard.
This Standard is not applicable to (1) damaged or malfunctioning hoists, (2) hoists that have been misused or abused, (3) hoists that have been altered without authorization of the manufacturer or a qualified person, (4) hoists used for lifting or supporting people, (5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own load chain, and (6) hoists used for marine and other applications as required by the Department of Defense (DOD). The requirements of this Standard shall be applied together with the requirements of ASME B30.16. Please also refer to ASME B30.16 for requirements pertaining to marking, construction, installation, inspection, testing, maintenance, and operation.

BSR/ASME HST-5-201x, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2014)

Stakeholders: Shipping, designers, heavy lifting, construction, transporters of materials.

Project Need: To provide updated requirements for the HST-5 Standard.

This Standard establishes performance requirements for air-powered chain hoists for vertical lifting service involving material handling of freely suspended (unguided) loads using load chain of the roller or welded link types with one of the following types of suspension: (1) lug, (2) hook or clevis, or (3) trolley.
This Standard is applicable to hoists manufactured after the date on which this Standard is issued. It is not applicable to (1) damaged or malfunctioning hoists, (2) hoists that have been misused or abused, (3) hoists that have been altered without authorization of the manufacturer or a qualified person, (4) hoists used for lifting or supporting people, (5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own load chain(s), or (6) hoists used for marine and other applications as required by the Department of Defense (DOD). The requirements of this Standard shall be applied together with the requirements of ASME B30.16. Please also refer to ASME B30.16 for requirements pertaining to marking, construction, and installation; inspection, testing, and maintenance; and operation.

BSR/ASME TES-1-201x, Safety Guideline or Standard for Molten Salt Thermal Energy Storage Systems (new standard)

Stakeholders: This would affect operators of thermal energy storage systems, thermal energy storage technology firms, equipment manufacturers, design and construction companies and Licensing Agencies. This standard would be suitable for use by manufacturers, owners, employers, users, and others concerned with, or responsible for its application by prescribing safety requirements.

Project Need: This standard would provide guidance on the design, construction, testing, maintenance, operation of thermal energy storage systems, including Nitrate Molten Salt systems for the life cycle of the equipment. There is currently no such standard in existence and several stakeholders have indicated a need for such a standard.

This standard will include provisions that will provide requirements and recommendations to address the process safety considerations during the design, construction, testing, maintenance, operation of thermal energy storage systems, including Nitrate Molten Salt systems.

ASTM (ASTM International)

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BSR/ASTM WK50441-201x, New Specification for Baked Carbon for Insulators to be Used in High Temperature Reactors (new standard)

Stakeholders: Manufactured Carbon and Graphite Products industry.

Project Need: This standard specification covers the classification, processing, and properties of baked carbon billets with dimensions sufficient to meet the designers requirements for insulation blocks, in a high temperature reactor.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK50441.htm

ATIS (Alliance for Telecommunications Industry Solutions)

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BSR/ATIS 0600015.12-201x, UPS TEER Ratings (new standard)

Stakeholders: Communications industry.

Project Need: There is a need for a TEER standard for UPS systems, especially for data centers.

This document will contain a TEER standard for UPS systems, specifically to include data centers.

CRSI (Concrete Reinforcing Steel Institute)

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BSR/CRSI IPG2.1-2016, Standard for Detailing of Steel Reinforcing Bars (new standard)

Stakeholders: Suppliers of reinforcing-bar detailing services; producers of computer detailing software; fabricators of steel reinforcing bars; placers of steel reinforcing bars; and general contractors, architects, structural, and civil engineers.

Project Need: There is a lack of information and standardization in the detailing of steel reinforcing bars in reinforced concrete construction. CRSI has published this information for many years, based solely on industry practice among member companies. The proposed standard will be created to include practices throughout the industry by involving all interest groups.

The proposed standard seeks to address the detailing of steel reinforcing bars for the construction of reinforced concrete structural and architectural members. The standard will set general procedures for the preparation of placing drawings and bar lists or, when necessary, bills of material.

BSR/CRSI IPG4.1-2016, Standard for Fabrication of Stainless Steel Reinforcing Bars (new standard)

Stakeholders: Suppliers of reinforcing bar detailing services; producers of computer detailing software; fabricators of steel reinforcing bars; placers of steel reinforcing bars; field inspectors; and general contractors, architects, structural, and civil engineers.

Project Need: There is a lack of information and standardization in the fabrication of steel reinforcing bars in reinforced concrete construction. CRSI has published this information for many years, based solely on industry practice among member companies. The proposed standard will be created to include practices throughout the industry by involving all interest groups.

The proposed standard seeks to address the fabrication of steel reinforcing bars for the construction of reinforced concrete structural and architectural members. The standard will set general procedures for the fabrication (including tolerances) and delivery of steel reinforcing bars; and certain contractual obligations. [CRSI standing committee membership is currently balanced between producers, users, and other interested parties. As part of the development process, additional parties have been identified, and comments on the proposed standard are being sought from these parties.]

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 802.1Qci-201x, Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Per-Stream Filtering and Policing (new standard)

Stakeholders: Developers, providers, and users of networking services and equipment for IoT (including industrial automation, automotive networking, smart grid) and of operating systems, hypervisors and orchestration systems for virtual machines. This includes software developers, networking IC developers, bridge and NIC vendors, and users.

Project Need: The development of standards for Time-Sensitive Networking (TSN) have shown that there exist no interoperable standards that enable a bridge to detect whether or not some systems in a network are conforming to behaviors agreed to by configuration and/or protocol exchanges.

This standard specifies procedures and managed objects for a bridge to perform frame counting, filtering, policing, and service class selection for a frame, based on the particular data stream to which the frame belongs, and a synchronized cyclic time schedule. Policing and filtering functions include the detection and mitigation of disruptive transmissions by other systems in a network, improving the robustness of that network.

BSR/IEEE 802.1Qcj-201x, Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) services (new standard)

Stakeholders: Developers, providers, and users of networking services and equipment such as software developers, bridge and NIC vendors, network operators and users.

Project Need: This amendment simplifies the deployment and administration of PBB networks, e.g., controlled by Shortest Path Bridging (SPB), by allowing for automatic configuration of the virtual LANs and service identifiers, thus allowing access to services of network devices without the need of manual configuration.

This standard specifies bridges that interconnect individual LANs, each supporting the IEEE 802 MAC Service using a different or identical media access control method, to provide Bridged Networks and VLANs.

BSR/IEEE 802.22-201x, Standard for Information Technology - Local and Metropolitan Area Networks - Specific Requirements - Part 22: Cognitive Radio Wireless Regional Area Networks (WRAN) Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the Bands that Allow Spectrum Sharing where the Communications Devices May Opportunistically Operate in the Spectrum of the Primary Service (revision of ANSI/IEEE 802.22-2011)

Stakeholders: Manufacturers and users of semiconductors, personal computers, enterprise networking devices; consumers.

Project Need: The intention of this project is to align the current 802.22 technology with emerging regulations.

This standard specifies the air interface, including the cognitive radio medium access control layer (MAC) and physical layer (PHY), of point-to-multipoint and backhaul wireless regional area networks comprised of a professional fixed base station with fixed and portable user terminals. The standard specifies operation in the bands that allow spectrum sharing where the communications devices may opportunistically operate in the spectrum of the primary service, such as 1300 MHz to 1750 MHz, 2700 MHz to 3700 MHz, and the VHF/UHF TV broadcast bands between 54 MHz to 862 MHz.

BSR/IEEE 802c-201x, Standard for Local and Metropolitan Area Networks: Overview and Architecture (new standard)

Stakeholders: Developers, providers, and users of networking services and equipment for IoT (including Industrial Automation, Transportation networking, Smart Grid) and of operating systems, hypervisors and orchestration systems for virtual machines. This includes software developers, networking IC developers, bridge and NIC vendors, and users.

Project Need: Currently, globally unique MAC addresses are assigned to most IEEE 802 end stations and bridge ports. Increasing use of virtual machines and Internet of Things (IoT) devices could exhaust the global MAC address space if global MAC addresses are assigned. These applications could use local MAC address space, but in that case some applications require independent address administration (e. g., virtualization systems and protocol specific address mappings).

The amendment will provide an optional local MAC address space structure to allow multiple administrations to coexist. This structure will designate a range of local MAC addresses for protocols using a Company Identifier (CID) assigned by the IEEE Registration Authority. Another range of local MAC addresses will be designated for assignment by local administrators. The amendment will recommend a range of local MAC addresses for use by IEEE 802 protocols.

BSR/IEEE 977a-201x, Guide to Installation of Foundations for Transmission Line Structures Amendment (new standard)

Stakeholders: Those in the Power & Energy field with responsibility for the construction aspects necessary for the installation of transmission line structure foundations.

Project Need: The standard requires updates to correct figures and references as well as to add new illustrations and example installation descriptions.

The amendment to the guide will present construction practices adopted in the industry that are not yet included in the guide.

BSR/IEEE 1003.1-2009/Cor 2-201x, Standard for Information Technology - Portable Operating System Interface (POSIX(R)) - Corrigendum 2 (addenda to ANSI/IEEE 1003.1-2009)

Stakeholders: Computer industry, open source developers, operating system users.

Project Need: A number of defect reports continue to be raised against the revised standard, the production of technical corrections will add value to the standard and further the interests of the users of the standard.

This corrigendum corrects technical and other non-editorial errors made during the preparation of IEEE Std 1003.1TM-2008 and IEEE Std 1003.1TM-2008/Cor 1-2013. This corrigendum includes the corrections made in the errata.

BSR/IEEE 1302-201x, Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 40 GHz (revision of ANSI/IEEE 1302-2008)

Stakeholders: Electronic systems designers, EMI mitigation manufacturers.

Project Need: The Guide is currently widely used and a revision to extend the upper frequency of operation will account for recent developments in technology and help ensure that the standard continues to be used.

The scope of this guide is to provide manufacturers of gaskets and designers of electronic systems appropriate methods for the characterization of gaskets. This document will guide the user in the selection of the appropriate test method in order to determine the level of electromagnetic shielding provided in the intended application.

BSR/IEEE 1657a-201x, Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries - Amendment 1: Updated Safety Sections (new standard)

Stakeholders: Primary stakeholders include: DC/UPS/battery service companies, DC/UPS/battery installation companies, battery and battery accessory manufacturers, end users of stationary batteries, and training organizations.

Project Need: Several things have been learned about DC arc flash in the last few years since the standard was issued that would be useful to have in the document for the users.

This recommended practice defines the areas of recommended knowledge for installers and maintainers of stationary batteries and related systems to the extent that they affect the battery. Design of the dc system and sizing of the dc battery charger(s) are beyond the scope of this recommended practice. This document covers lead-acid and Nickel-Cadmium battery technologies.

BSR/IEEE 1760-201x, Information Technology Service Measures and Service Level Agreements (new standard)

Stakeholders: IT service providers and users, producers of IT service management systems, assessors of IT services.

Project Need: Providers and users of IT services encounter numerous conflicting or irrelevant service measures, which can result in collecting metrics that do not accurately depict service performance as compared to agreed service targets. Effective IT service measures and SLA's are the basis for demonstrating acceptable quality of service, justifying change in service, and implementing process improvements.

This standard establishes a consistent framework for measures of Information Technology (IT) service availability, responsiveness, and performance. It also provides a framework for presentation of Service Level Agreements (SLA) between service providers and customers. The standard is applicable to a variety of IT services and allows for the specification of mutually agreeable service levels.

BSR/IEEE 1791-201x, Recommended Practice for Terminology Used for Direct Current Electric Transit Overhead Contact Systems (new standard)

Stakeholders: Manufacturers, suppliers, transportation authorities, designers of overhead contact systems, installing contractors, schools, media and any other groups that work with or use Overhead Contact Systems.

Project Need: The people who interface with Overhead Contact Systems (OCS) have backgrounds that are very diverse. This fact has shown a need for a uniform set of terminology and terms for conducting business with OCS.

This recommended practice defines terms used for direct current electric transit overhead contact systems.

BSR/IEEE 1834-201x, Standard for Technology Supervision Code for Wind Turbine Impeller Systems (new standard)

Stakeholders: The Stakeholders are: Manufacturers, power generation companies, research institutes, and other organizations involved in wind turbine impeller systems.

Project Need: The impeller system is an important component of the wind turbine and plays an important role in absorption and conversion of wind energy. With the quick development of the wind power industry, some terrible accidents such as blade abscission and impeller overspeed occur frequently. In order to meet the need of supervising impeller system, it is urgent to develop a standard to format the supervision procedures and test methods.

This standard covers technical requirements and practical guidelines for the production procedures and quality test methods of wind turbine impeller systems.

BSR/IEEE 2030.5-201x, Standard for Smart Energy Profile Application Protocol (revision of ANSI/IEEE 2030.5-201x)

Stakeholders: Electric utilities, metering manufacturers, consumers, silicon providers, government ministries and regulatory agencies, appliance manufacturers, automotive manufacturers, OEMs, service providers and those related to providing elements and applications for Home Energy Management Systems (HEMS).

Project Need: This Revision provides a mechanism for addressing errors and ambiguities discovered in the testing and deployment phases of the base Standard and to add selected new features and capabilities needed by the industry.

This standard defines the “Application” layer with TCP/IP providing functions in the “Transport” and “Internet” layers to enable utility management of the end-user energy environment, including things like demand response, load control, time-of-day pricing, management of distributed generation, electric vehicles, etc. Depending on the physical layer in use (e.g., IEEE 802.15.4, IEEE 802.11, IEEE 1901, IEEE 1901.2), a variety of lower-layer protocols may be involved in providing a complete solution.

BSR/IEEE 2303-201x, Standard for Adaptive Management of Cloud Computing Environments (new standard)

Stakeholders: Cloud consumers, cloud service providers, cloud equipment manufacturers, cloud software developers, cloud partners, cloud exchange operators.

Project Need: One area of Cloud Computing standards that is undefined is standards for adaptive management infrastructure needed to support, maintain, and manage the highly dynamic nature inherently provided by Cloud Computing environments.

This standard provides developers, providers, and partners of cloud computing ecosystems a foundational architecture and vocabulary for adaptive management systems needed to support the dynamic characteristics of cloud computing implementations. This document provides a description of the core roles and sub-roles needed for an adaptive management environment, the fundamental components and information needed and communications needed to support adaptive management environments.

BSR/IEEE 2406-201x, Standard for Design and Construction of Non-Load Break Disconnect Switches for Direct Current Applications on Transit Systems (new standard)

Stakeholders: Transit authorities, consultants, and manufacturers.

Project Need: To provide a specific standard to reference when specifying DC disconnects on Transit Projects.

This standard covers basic design parameters and features for non-load make-or-break direct current disconnect switches used on transit systems for isolation applications.

BSR/IEEE 2411-201x, Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities (new standard)

Stakeholders: NRC, DOE, NPGS, nuclear consulting firms, architects/engineers, licensee, vendors

Project Need: With the exception of the limited guidance on validation that is presented in IEEE Std-1023-2004, there are currently no dedicated industry-based consensus standards governing the conduct of validation, including integrated system validation for nuclear power-generating stations and other nuclear facilities.

This document provides human factors engineering guidance for the validation of the system interface design and the integrated systems operation. This guidance provides acceptable means to: (1) Identify performance criteria; (2) Collect sufficient evidence of performance; (3) Plan and conduct validation tests; and (4) Analyze and resolve validation results.

BSR/IEEE 82079-1-201x, Information technology: Information for Use of Products - Part 1: General Requirements and Processes (new standard)

Stakeholders: Managers at all levels; assessors responsible for product compliance; content owners, designers, and developers; technical writers, editors, translators; product users. Those involved in the conceptualization, creation, translation, integration, use, and acquisition or supply of product information.

Project Need: Instructions for use are necessary for the safe use of products and helpful for their efficient and effective use. They are also used for other purposes, such as evaluation of the product or service before it is acquired.

This part of ISO/IEC 82079 provides principles and general requirements for the creation and provision of information for use of products, available electronically or printed, which are:
- necessary for the safe use;
- helpful for the efficient and effective use; or
- needed to fulfil market and regulatory requirements.

BSR/IEEE C57.163-201x, Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances (new standard)

Stakeholders: Utility users, power transformer manufacturers, consultants, academia, generator owners.

Project Need: There are no IEEE Standards that discuss the impact of Geomagnetic Distrubances (GMD) on power transformer and vulnerability to GMD. This proposal does not provide specific requirements, but offers “guidance” regarding the assessments of the transformer vulnerability to GMD. Users do not know what to specify from transformer manufacturers, so there is a wide variety of requests and many misconceptions.

This guide describes the effects of Geomagnetic Disturbances (GMD) on power transformers when there is the presence of Geomagnetically Induced Current (GIC) in a power transformer. It establishes specification parameters and performance characteristics for power transformers to minimize the risk and impact when GIC is present in the power system. It provides background that can help evaluate the effect of GIC on a power-transformer design and its GIC capability, including the evaluation techniques to determine the performance characteristics while under the influence of GIC.

NACE (NACE International, the Corrosion Society)

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BSR/NACE TM0284-201x, Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking (revision of ANSI/NACE TM0284-2011)

Stakeholders: End users, manufacturers, fabricators, and testing laboratories.

Project Need: Standard is being updated to reflect new technologies.

This standard establishes a test method for evaluating the resistance of pipeline and pressure-vessel steels to HIC caused by hydrogen absorption from aqueous sulfide corrosion. Details are provided on the size, number, location, and orientation of test specimens to be taken from each steel product form - pipes, plates, fittings, and flanges.

NEMA (ASC C37) (National Electrical Manufacturers Association)

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BSR/NEMA C37.50-201x, Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (revision and redesignation of ANSI C37.50-2012)

Stakeholders: Manufacturers, users, contractors, builders.

Project Need: Update the existing standard for current industry practices.

This standard covers the test procedures for enclosed low-voltage ac power circuit breakers as follows: (a) Stationary or drawout circuit breakers of two- or three- or four-pole construction; (b) Unfused- or fused-type circuit breakers; (c) Manually operated or power-operated circuit breakers with or without electromechanical or solid-state trip devices; and (d) Fused drawouts consisting of current-limiting fuses in a drawout assembly intended to be connected in series with a low-voltage ac power circuit breaker.

BSR/NEMA C37.54-201x, Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear - Conformance Test Procedures (revision and redesignation of ANSI C37.54-2003 (R2010)))

Stakeholders: Manufacturers, users, contractors, builders.

Project Need: Update the existing standard for current industry practices.

When conformance tests are required, this standard specifies tests to demonstrate that the circuit breaker being tested conforms with the ratings assigned to it in accordance with ANSI/IEEE C37.04. Preferred ratings are listed in ANSI C37.06. As a requirement of conformance testing, the circuit breaker shall have completed the design testing requirements of ANSI/IEEE C37.09. If ANSI/IEEE C37.09 tests have not been previously performed, the tests required by ANSI/IEEE C37.09, beyond tests described by this standard, may be performed concurrently with conformance testing.

BSR/NEMA C37.55-201x, Medium-Voltage Metal-Clad Assemblies - Conformance Test Procedures (revision and redesignation of ANSI C37.55-2003 (R2010))

Stakeholders: Manufacturers, users, contractors, builders.

Project Need: Update the existing standard for current industry practices.

This Standard is a conformance testing standard optionally applicable to all medium voltage metal-clad switchgear assemblies designed, tested, and manufactured in accordance with ANSI/IEEE C37.20.2, Metal-Clad Switchgear. This standard covers selected tests to demonstrate conformance with Section 6, Tests, of ANSI/IEEE C37.20.2.

BSR/NEMA C37.85-201x, Alternating-Current High-Voltage Power Vacuum Interrupters Safety Requirements for X-Radiation Limits (revision and redesignation of ANSI C37.85-2002 (R2010))

Stakeholders: Manufacturers, users, contractors, builders.

Project Need: Update the existing standard for current industry practices.

This standard specifies the maximum permissible X-radiation emission from alternating-current high-voltage power vacuum interrupters that are intended to be operated at voltages above 1000 volts and up to 38,000 volts when tested in accordance with procedures described in this standard.
NOTE: The test procedures prescribed in this standard are not necessarily applicable for higher-voltage vacuum interrupters.

NEMA (National Electrical Manufacturers Association)

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* BSR/NEMA FL 1-201x, Flashlight Basic Performance Standard (revision of ANSI/NEMA FL1-2009)

Stakeholders: Manufacturers, consumers, retailers.

Project Need: Five-year update.

This Standards Publication covers basic performance of hand-held/portable flashlights, spotlights, and headlamps providing directional lighting.

SCTE (Society of Cable Telecommunications Engineers)

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BSR/SCTE 35-201x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2014)

Stakeholders: Cable Telecommunication industry.

Project Need: Update to current technology.

This standard supports frame accurate signaling of events in MPEG-2 transport streams along with associated descriptive data. This standard supports the splicing of MPEG-2 transport streams for the purpose of Digital Program Insertion, which includes advertisement insertion and insertion of other content types. An in-stream messaging mechanism is defined to signal splicing and insertion opportunities and it is not intended to ensure seamless splicing.

BSR/SCTE 104-201x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2014)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

TIA (Telecommunications Industry Association)

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Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)

Stakeholders: Designers; installers; hospital administrators; clinical service providers; clinical system providers; infectious control staff; laboratory administrators; compliance consultants.

Project Need: Provide updates for an existing standard

This Standard specifies requirements for telecommunications infrastructure for healthcare facilities (e.g. hospitals, clinics). It specifies cabling, cabling topologies, and cabling distances. Additionally, pathways and spaces (e.g. sizing and location), and ancillary requirements are addressed. Telecommunications cabling specified by this standard is intended to support a wide range of healthcare facilities and systems.

UL (Underwriters Laboratories, Inc.)

Office: 455 East Trimble Road
San Jose, CA 95131-1230

Contact: *Derrick Martin*

Fax: (408) 754-6656

E-mail: Derrick.L.Martin@ul.com

BSR/UL 1640-201x, Standard for Safety for Portable Power-Distribution Equipment (new standard)

Stakeholders: Manufacturers of portable power-distribution equipment; Electrical inspection authorities; Users of portable power-distribution equipment, such as stage hands, carnival workers, and event staff; Electrical worker trade associations.

Project Need: To obtain national recognition of a standard covering portable power-distribution equipment.

The requirements of UL 1640 cover portable power-distribution equipment intended for use in the following locations: (a) Carnivals, circuses, fairs, and similar locations in accordance with Article 525 of the National Electrical Code (NEC), NFPA 70; (b) Exhibition halls in accordance with Article 518 of the NEC; (c) Motion picture and television studios and similar locations in accordance with Article 530 of the NEC; and (d) Theaters, audience areas of motion-picture and television studios, and similar locations in accordance with Article 520 of the NEC.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides 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)
- AGSC (Auto Glass Safety Council)
- 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)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “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.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AIIM
Association for Information and Image Management

1100 Wayne Avenue
Suite 1100
Silver Spring, MD 20910
Phone: (301) 755-2682
Fax: (240) 494-2682
Web: www.aiim.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

1791 Tullie Circle NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (678) 539-2138
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society

8669 NW 36 ST., #130
Miami, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CRSI
Concrete Reinforcing Steel Institute

933 North Plum Grove Road
Schaumburg, IL 60173
Phone: (856) 264-3851
Web: www.crsi.org

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO

18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
Phone: (708) 995-3015
Fax: (708) 479-6139
Web: www.asse-plumbing.org

ICC
International Code Council

4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

IEEE
Institute of Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08854-4141
Phone: (732) 981-2864
Web: www.ieee.org

IESNA
Illuminating Engineering Society of North America

120 Wall Street, 17th Floor
New York, NY 10005
Phone: (212) 248-5000, ext 123
Fax: (212) 248-5017
Web: www.iesna.org

ISA (Organization)
International Society of Automation

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street, NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

NACE
NACE International, the Corrosion Society

15835 Park Ten Place
Houston, TX 77084
Phone: (281) 228-6203
Fax: (281) 228-6387
Web: www.nace.org

NEMA (ASC C37)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3253
Fax: (703) 841-3353
Web: www.nema.org

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
Arlington, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association

355 Lexington Avenue, 15th Floor
15th Floor
New York, NY 10017-6603
Phone: (212) 297-2122
Fax: (212) 370-9047
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Road
Exton, PA 19341-1318
Phone: (480) 252-2330
Fax: (610) 363-5898
Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7497
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

455 East Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6656
Fax: (408) 754-6656
Web: www.ul.com

VC (ASC Z80)
The Vision Council

225 Reinekers Lane
Suite 700
Alexandria, VA 22314
Phone: (703) 740-1094
Fax: (703) 548-4580
Web: www.z80asc.com

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 ANSI's ISO Team (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

FIRE SAFETY (TC 92)

ISO/DIS 12828-2, Validation methods for fire gas analyses - Part 2: Validation of quantification method - 9/25/2015, $107.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 18531, Implants for surgery - Calcium phosphate bioceramics - Characterization of hardening bone paste materials - 7/24/2015, $53.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO/DIS 25841, Female condoms - Requirements and test methods - 9/4/2015, $134.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 16063-17, Methods for the calibration of vibration and shock transducers - Part 17: Primary calibration by centrifuge - 9/25/2015, $46.00

OTHER

ISO/DIS 19675, Non-destructive testing - Ultrasonic testing - Specification for a calibration block for phased array testing (PAUT) - 7/31/2015, $77.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 20957-5, Stationary training equipment - Part 5: Pedal crank training equipment, additional specific safety requirements and test methods - 9/14/2015, $77.00

THERMAL INSULATION (TC 163)

ISO/DIS 52000-1, Energy performance of buildings - Overarching EPB assessment - Part 1: General framework and procedures - 9/28/2015, $175.00

TIMBER (TC 218)

ISO/DIS 13061-12, Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 12: Determination of static hardness - 9/4/2015, $33.00

ISO/DIS 13061-14, Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 14: Determination of volumetric shrinkage - 9/4/2015, $40.00

Newly Published ISO & IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. 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)..

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 6495-1:2015, Animal feeding stuffs - Determination of water-soluble chlorides content - Part 1: Titrimetric method, $88.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 16610-22:2015, Geometrical product specifications (GPS) - Filtration - Part 22: Linear profile filters: Spline filters, $123.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 17972-4:2015, Graphic technology - Colour data exchange format (CxF/X) - Part 4: Spot colour characterisation data (CxF/X-4), $88.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

IEC 62304/Amd1:2015, Medical device software - Software life cycle processes - Amendment 1, $200.00

SAFETY OF AMUSEMENT RIDES AND AMUSEMENT DEVICES (TC 254)

ISO 17842-1:2015, Safety of amusement rides and amusement devices - Part 1: Design and manufacture, $265.00

ISO 17842-3:2015, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use, $88.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23003-3/Amd1/Cor1:2015, Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Corrigendum, FREE

ISO/IEC 14776-261, Information technology - Small Computer System Interface (SCSI) - Part 261: SAS Protocol Layer (SPL), FREE

ISO/IEC 11694-3:2015, Identification cards - Optical memory cards - Linear recording method - Part 3: Optical properties and characteristics, $51.00

ISO/IEC 13818-1:2015, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems, $265.00

ISO/IEC TS 19570:2015, Programming Languages - Technical Specification for C++ Extensions for Parallelism, $149.00

IEC Standards

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62279 Ed. 2.0 b:2015, Railway applications - Communication, signalling and processing systems - Software for railway control and protection systems, $387.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 60320-1 Ed. 3.0 en:2015, Appliance couplers for household and similar general purposes - Part 1: General requirements, $339.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC 60079-7 Ed. 5.0 en:2015, Explosive atmospheres - Part 7: Equipment protection by increased safety 'e', $375.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 62304 Amd.1 Ed. 1.0 en:2015, Amendment 1 - Medical device software - Software life cycle processes, $278.00

IEC 62304 Ed. 1.1 en:2015, Medical device software - Software life cycle processes, $726.00

ELECTROACOUSTICS (TC 29)

IEC 60601-2-66 Ed. 2.0 b:2015, Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems, $278.00

FIBRE OPTICS (TC 86)

IEC 62005-9-1 Ed. 1.0 b:2015, Fibre optic interconnecting devices and passive components - Reliability - Part 9-1: Qualification of passive optical components, $278.00

IEC 62343-1-2 Ed. 2.0 b:2015, Dynamic modules - Part 1-2: Performance standards - Tuneable chromatic dispersion compensator (non-connectorized), $55.00

IEC 60793-2-30 Ed. 4.0 en:2015, Optical fibres - Part 2-30: Product specifications - Sectional specification for category A3 multimode fibres, $206.00

IEC 61300-3-35 Ed. 2.0 b:2015, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers, $157.00

IEC 61300-3-35 Ed. 2.0 en:2015, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers, $189.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61158-5-8 Ed. 1.0 b:2007, Industrial communication networks - Fieldbus specifications - Part 5-8: Application layer service definition - Type 8 elements, $363.00

INSULATING MATERIALS (TC 15)

IEC 60455-2 Ed. 3.0 en:2015, Resin based reactive compounds used for electrical insulation - Part 2: Methods of test, $254.00

OTHER

CISPR 11 Ed. 6.0 en:2015, Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement, $436.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

IEC 61338-1-5 Ed. 1.0 b:2015, Waveguide type dielectric resonators - Part 1-5: General information and test conditions - Measurement method of conductivity at interface between conductor layer and dielectric substrate at microwave frequency, $121.00

POWER CAPACITORS (TC 33)

IEC 60143-1 Ed. 5.0 b:2015, Series capacitors for power systems - Part 1: General, $339.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

IEC 62841-2-14 Ed. 1.0 en:2015, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-14: Particular requirements for hand-held planers, $121.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-34 Amd.1 Ed. 5.0 en cor.1:2015, Corrigendum 1 - Amendment 1 - Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors, $0.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

IEC 62061 Ed. 1.2 b:2015, Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems, $545.00

IEC 62061 Amd.2 Ed. 1.0 b:2015, Amendment 2 - Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems, $36.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 62759-1 Ed. 1.0 b:2015, Photovoltaic (PV) modules - Transportation testing - Part 1: Transportation and shipping of module package units, $121.00

SURGE ARRESTERS (TC 37)

IEC 61643-22 Ed. 2.0 b:2015, Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles, $339.00

IEC Technical Reports

FIBRE OPTICS (TC 86)

IEC/TR 62343-6-9 Ed. 1.0 en:2015, Dynamic modules - Part 6-9: Design Guides - Transient crosstalk measurement results on wavelength selective switch, $157.00

IEC Technical Specifications

POWER CAPACITORS (TC 33)

IEC/TS 60871-3 Ed. 2.0 en:2015, Shunt capacitors for a.c. power systems having a rated voltage above 1000 V - Part 3: Protection of shunt capacitors and shunt capacitor banks, $182.00

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.

Information Concerning

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 of choice for information technology developers, producers and users for the creation and maintenance of 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 40+ 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 has eleven membership categories that can be viewed at http://www.incits.org/participation/membership-info. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

  This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

  This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

  This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

  o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

  This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

  This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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. Visit www.INCITS.org for more information regarding INCITS activities.

Calls 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 ANS 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 e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASC B65 – Safety Specifications for Controls and Signalling Devices for Printing Presses

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee B65, Safety Specifications for Controls and Signalling Devices for Printing Presses has been approved under its recently revised operating procedures for documenting consensus on ASC B65-sponsored American National Standards, effective July 1, 2015. For additional information, please contact the Secretariat of ASC B65: Ms. Debbie Orf, Assistant Director, Standards Programs, NPES, 1899 Preston White Drive, Reston, VA 20191; phone: 703.264.7229; e-mail: dorf@npes.org.

ASC CGATS – Committee for Graphic Arts Technologies Standards

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee CGATS, Committee for Graphic Arts Technologies Standards has been approved under its recently revised operating procedures for documenting consensus on ASC CGATS-sponsored American National Standards, effective July 1, 2015. For additional information, please contact the Secretariat of ASC CGATS: Ms. Debbie Orf, Assistant Director, Standards Programs, NPES, 1899 Preston White Drive, Reston, VA 20191; phone: 703.264.7229; e-mail: dorf@npes.org.

American Institute of Steel Construction (AISC)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Institute of Steel Construction (AISC), an ANSI Accredited Standards Developer and Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on AISC-sponsored American National Standards, effective July 1, 2015. For additional information, please contact: Ms. Cynthia J. Duncan, Director of Engineering, American Institute of Steel Construction, 1 E. Wacker Drive, Suite 700, Chicago, IL 60601; phone: 312.670.5410; e-mail: duncan@aisc.org.

Building Performance Institute, Inc. (BPI)

ANSI's Executive Standards Council has approved the reaccreditation of the Building Performance Institute, Inc. (BPI), an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on BPI-sponsored American National Standards, effective June 29, 2015. For additional information, please contact: Ms. Susan Carson, Manager of Standards, Building Performance Institute, Inc., 107 Hermes Road, Suite 110, Malta, NY 12020; phone: 518.899.2727; e-mail: scarson@bpi.org.

Remanufacturing Industries Council (RIC)

ANSI's Executive Standards Council has approved the reaccreditation of the Remanufacturing Industries Council (RIC), an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on RIC-sponsored American National Standards, effective June 18, 2015. For additional information, please contact: Derek Guest, PhD, Executive Director, Remanufacturing Industries Council, 1335 Jefferson Road #20157, Rochester, NY 14602-0157; phone: 585.354.7010; e-mail: derek.guest@remancouncil.org.

Reaccreditation

ASC I14 – Window Cleaning Safety

Comment Deadline: August 3, 2015

Accredited Standards Committee I14, Window Cleaning Safety has submitted has submitted to ANSI limited revisions to its accredited operating procedures for documenting consensus on ASC I14-sponsored American National Standard under which it was last reaccredited in 2013. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact the Secretariat of ASC I14: Mr. Mark Bennett, Executive Director, International Window Cleaning Association, 1100-H Brandywine Boulevard, Zanesville, OH 43701-7303; phone: 614.501.1100, ext. 3187; e-mail: mbennett@offinger.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to IWCA by August 3, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Society of Automotive Engineers (SAE International)

Comment Deadline: August 3, 2015

The Society of Automotive Engineers (SAE International), an ANSI organizational member and Accredited Standards Developer, has submitted to ANSI revisions to its accredited SAE Technical Standards Board Governance Policy for documenting consensus on SAE-sponsored American National Standard (including changes to its intellectual property rights policy), under which it was last reaccredited in 2013. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Jana Wright, Global Ground Vehicle Specialist, SAE International, 755 West Big Beaver Road, Suite 1600, Troy, MI 48084; phone: 248.273.2456; e-mail: jana.wright@sae.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to SAE by August 3, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in accordance with ISO/IEC 17065

North American Testing, LLC

Comment Deadline: August 3, 2015

Mr. Douglas Steele – Project Manager
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On June 29th 2015, the ANSI Accreditation Committee granted accreditation in accordance with ISO/IEC 17065 to North American Testing, LLC (NAT) for the following scopes:

13 ENVIRONMENT. HEALTH PROTECTION. SAFETY

13.060 Water quality

13.060.30 Sewage water

Please send your comments by August 3, 2015 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Sr. Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Establishment of a New ISO Subcommittee

ISO/TC 79/SC 12 – Aluminum Ores

TC 79, Light metals and their alloys, has created a new ISO Subcommittee on Aluminum ores (TC 79/SC 12). Discussions will be held between Pakistan and China for the secretariat.

ASTM International has committed to administer the US/TAG. Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

New Field of ISO Technical Activity

Rare Earth

Comment Deadline: July 10, 2015

SAC (China) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Rare Earth, with the following scope statement:

> Standardization in the field of rare earth ores, concentrates, metals, alloys, compounds, materials, including the reuse and recycling of waste rare earth products.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, July 10, 2015.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO TC 44/SC 14 – Welding and Brazing in Aerospace

Comment Deadline: August 3, 2015

The American Welding Society (AWS), an ANSI organizational member and Accredited Standards Developer, has submitted an Application for Accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO TC 44/SC 14, Welding and brazing in aerospace and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Andrew Davis, Director, International Activities, American Welding Society, 8669 NW 36th Street, #130, Miami, FL 33166; phone: 305.443.9353, ext. 466; e-mail: adavis@aws.org. Please forward any comments on this application to AWS, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (fax: 212.840-2298; E-mail: jthompso@ansi.org) by August 3, 2015.

Meeting Notices

AHRI Meetings

Revision of AHRI Standard 1350, Mechanical Performance Rating of Central Station Air-Handling Unit Casings

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 7 from 10:30 a.m. to 12 p.m. and July 16 from 2 p.m. to 3:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

Revision of AHRI Standard 340/360, Performance Rating of Commercial and Industrial Unitary Air Conditioning and Heat Pump Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on Thursdays, July 9, 16, and 23 from 10 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard please contact AHRI staff member Anuj Mistry at amistry@ahrinet.org.

ANSI/ASSE Z359 Committee for Fall Protection and Fall Arrest

The ANSI/ASSE Z359 Committee for Fall Protection and Fall Arrest will be meeting at Oakton College in Des Plaines, Illinois (Chicago) from October 20th to the 22th. The main meeting will be held on the 20th and the subgroups will meet the following two days. The meeting schedule will be provided prior to the meeting. There will be an RSVP site established and announced with registration information later this summer. If you should have any questions about attendance please contact Tim Fisher with ASSE on behalf of the secretariat:

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, CAE
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
1800 East Oakton Street
Des Plaines, IL 60018
Phone: (847) 768-3411
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E-mail: TFisher@ASSE.Org

Information Concerning

U.S. National Committee of the IEC

Response Deadline: July 24, 2015

USNC Needs Representatives to join various, newly established IEC SMB Groups

These SMB Groups are as follows:

1. IEC SMB Strategic Group 9 on *Communication Technologies*

The SMB approved the setting up of a new Strategic Group, SG 9, Communication Technologies, with the following scope:

- Protocols (example TCP/IP) and applications (example Email)
- Physical layer (example fibre optic)
- Use cases from the TCs (example smart metering)
- Architectures and Networks (example ISO OSI Layer and Cellular Network)
- Technologies (example Bluetooth)
- Trends (example Migration to IPv6)
- Requirements (example Bandwidth, Latency)
- Security (example Network Admission Control)
- Regulatory aspects (example Spectrum Regulation) and with the list of deliverables given in SMB/5575/R

Mr. Rudolf Brandner (DE) is appointed as Convenor and Gilles Thonet, IEC Head of ICT Standards Coordination, has been appointed Secretary of SG 9.

2. IEC SMB Strategic Group 10 on *Wearable Smart Devices*

The SMB agreed to set up a Strategic Group, SG 10, Wearable Smart Devices (WSD), with the following scope:

- Terminology and agreed understanding of WSD
- Market needs
- Inventory of activities within IEC
- Inventory of activities outside IEC
- Priorities of work
- Coordination of activities within IEC

By exception, initial membership comprises representatives from TCs 47, 62, 77, 100, 106, 108, 110, 111, 119, and CISPR.

The Japanese and Republic of Korea NCs will serve as co-convenors and Suzanne Yap, IEC Technical Officer, has been appointed as the Secretary of SG 10.

3. IEC SMB Advisory Committee on Applications of Robotic Technology (ACART)

The SMB agreed to set up a new Advisory Committee, ACART, Advisory Committee on Applications of Robotic Technology, including electrotechnology.

The task of ACART includes:

- Coordinating common aspects of robotic technology such as vocabulary and symbols.
- Preparing a guideline that outlines the critical aspects (as described in the report) of preparing a standard for products that incorporate robotic technology.
- Promoting collaboration between IEC and ISO as it relates to robotic technologies.
- Resolving current overlaps and developing a process to prevent future overlaps, both within the IEC and between IEC and ISO.
- Strong collaboration with the IEC CAB

The lifetime of this AC is anticipated to be up to two years with annual reports to the SMB. The membership should include representatives from IEC TCs dealing with robot technologies (including TCs 44, 59, 61, 62, 65) as well as from ISO (ISO/TC 184/SC 2).

For membership in each of these Groups, a **1 page CV** and **a statement of motivation from the representative** will be submitted to the SMB for formal approval.

If you are interested in becoming the USNC Representative to any of these SMB Groups, please contact Tony Zertuche, USNC Deputy General Secretary, no later than **FRIDAY, 24 JULY 2015** - Phone: 212 642 4892, E-Mail: tzertuche@ansi.org.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water System Components – Health Effects

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2 Definitions

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2.x free available chlorine: The sum of hypochlorous acid and hypochlorite ions.

Reason: Added defintion per comment received by J. Franks during ballot of revision 1.

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5 Barrier materials

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5.5 Extraction procedures

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5.5.4 Conditioning (Optional)

Test samples shall be conditioned immediately after curing. This conditioning procedure simulates the disinfection of water mains and storage tanks prior to placing into service, and is based on AWWA Standards C651-05 and C652-02.

Coatings intended for pipes and fittings can be conditioned as follows:

1) prepare 50 mg/L free available chlorine solution using sodium hypochlorite (NaOCl – reagent grade or equivalent);

2) using a spray bottle, spray the previously rinsed test samples, wetting all surfaces to be exposed;

3) let the test samples stand for at least 3 hours; and

4) place the test samples in racks, rinse with cold tap water, and rinse with reagent water, meeting the requirements of Annex B, section B.9.2.1.

Coatings intended for water storage tanks or multiple uses (tanks, pipes, other) may be conditioned as follows:

1) prepare 200 mg/L free available chlorine solution using sodium hypochlorite (NaOCl - reagent grade or equivalent);

2) using a spray bottle, spray the previously rinsed test samples, wetting all surfaces to be exposed;

3) let the test samples stand for at least 30 min; and

4) place the test samples in racks, rinse with cold tap water, and rinse with reagent water, meeting the requirements of Annex B, section B.9.2.1.

Products may also be disinfected per manufacturer's use instructions.

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Annex B

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B.5 Mechanical plumbing devices

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B.5.5 Extraction water

The extraction water shall be prepared by combining:

– 25 ml of 0.4M sodium bicarbonate;

– chlorine stock solution per Annex B, section B.9.2.4;

– reagent water meeting the requirements of Annex B, section B.9.2.1 (make up to 1 L), and adjust pH as needed using 0.1M HCl; and

This water shall have a pH of 8.0 ± 0.5, alkalinity of 500 ± 25 ppm, dissolved inorganic carbon of 122 ± 5 ppm, and 2 ± 0.5 ppm of free available chlorine.

All exposure water that is being used to determine conformance to this Standard shall be prepared fresh daily and stored in a closed container.

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B.9 Extraction water preparation

B.9.1 Chemical characteristics

Four extraction waters shall be available for exposure:

a) pH = 5, with 2 mg/L free available chlorine and 100 mg/L hardness;
b) pH = 6.5, with 2 mg/L free available chlorine and 100 mg/L hardness;
c) pH = 8 (organic analysis), with 0 mg/L free available chlorine and 100 mg/L hardness; and
d) pH = 10, with 2 mg/L free available chlorine.

All exposure water that is used to determine compliance to this Standard shall be prepared fresh daily and stored in a closed container.

B.9.2 Reagents

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B.9.2.4.2 Determining amount of chlorine stock solution required to obtain 2 ppm residual chlorine

To determine the volume of the chlorine stock solution necessary to add to the extraction water to obtain 2.0 mg/L free available chlorine residual, the following formula shall be used:

$$\text{mL stock solution} = \frac{2.0 \times B}{A}$$

where:

A = chlorine equivalent per mL of chlorine stock solution (determined above); and
B = liters of extraction water.

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B.9.3 pH 5 water

pH 5 extraction water shall be prepared to contain 100 mg/L hardness and 2 mg/L free available chlorine. Stock reagent solutions in the amounts shown in Annex B, Table B15 shall be diluted to the desired water volume with reagent water.

B.9.4 pH 6.5 water

pH 6.5 water shall be prepared to contain 100 mg/L hardness and 2 mg/L free available chlorine. Stock reagent solutions in the amounts shown in Annex B, Table B15 shall be diluted to the desired water volume with reagent water. The pH shall be adjusted to pH 6.5 ± 0.5 using 0.1M HCl.

NOTE – It is recommended that the pH 6.5 water be protected from exposure to air during its formulation and use to minimize pH drift. Unused exposure water should be maintained under a nitrogen blanket, and product samples should be plugged or tightly covered to minimize exposure to air.

B.9.5 pH 8 water (conditioning)

pH 8 conditioning water shall be prepared to contain 100 mg/L hardness and 2 mg/L free available chlorine. Stock reagent solutions in the amounts shown in Annex B, Table B15 shall be diluted to the desired water volume with reagent water.

B.9.6 pH 8 water (organic analysis)

pH 8 organic extraction water shall be prepared to contain 100 mg/L hardness and 0 mg/L free available chlorine. Stock reagent solutions in the amounts shown in Annex B, Table B15 shall be diluted to the desired water volume with reagent water.

B.9.7 pH 10 water

pH 10 extraction water shall be prepared to contain 2 mg/L free available chlorine. Stock reagent solutions in the amounts shown in Annex B, Table B15 shall be diluted to the desired water volume with reagent water.

Reason: Updating chlorine terminology per 2014 DWA-SC JC meeting discussion for consistency throughout the standard.

BSR/UL 218, Standard for Safety for Fire Pump Controllers

1. Revision due to comments received on CSA's Ballot.

7.14 Preshipment

7.14.1 All controllers shall be completely assembled, wired, and tested by the manufacturer before shipment from the factory. Controllers shipped in sections shall be completely assembled, wired, and tested by the manufacturer before shipment from the factory. ~~Such controllers shall be reassembled in the field, and the proper assembly shall be verified by the manufacturer or designated representative.~~

7.14.2 Such controllers shall be reassembled in the field, and the proper assembly shall be verified by the manufacturer or designated representative.

In Canada, requirements of Clause 7.14.2 do not apply.

14.2.7 The VFD shall be mounted in, as a minimum, a Type 12 enclosure(s) ~~or an enclosure(s)~~, In addition, the enclosure(s) shall be permitted to be marked with an ingress protection (IP) rating of IP54.

Adding the following to Annex A:

CAN/CSA C22.2 No. 60529 Degrees of Protection Provided by Enclosures (IP) Code and ANSI/NEMA 60529 Degrees of Protection Provided by Enclosures (IP) Code

BSR/UL 1897, Standard for Uplift Tests for Roof Covering Systems

8.2 The roof system test assembly shall comply with (a) - (c) during and at the conclusion of the test procedure described in 8.2 - 8.9:

a) Maintain their structural integrity and weather resistant integrity during the entire test period.

b) Not disengage, separate or loosen at any location of securement to the test frame that simulates the building structure.

c) Shall not allow permanent deformation of a component that results in loss of structural resistance ~~, e.g.~~ (an example of permanent deformation is buckling of a seam in standing seam metal roofing in a 10 × 10 test).

8.9 In reference to 8.5, all adhesives shall maintain full contact between all the surfaces of all components to which it has been applied to or comes in contact with without any separation, delamination, fracture, cracking or peeling of the adhesive or its bond.

Exception No. 1: Mechanically fastened membranes shall be permitted to separate and deflect from adjacent components at location where they are not fastened.

Exception No. 2: Partially adhered membranes shall be permitted to separate and deflect from adjacent components at locations where adhesive placement was not intended.

Exception No. 3: Tearing of membrane at fastener plates and batten bars is allowed up to ultimate failure.

Exception No. 4: Minor areas of delamination are allowed provided they do not continue to grow in size by more than 50% during a given pressure level. Minor areas of delamination in wind uplift testing are an area approximately 1% of the test sample. For a 12 × 24 ft (3.6 × 7.3 m) test an area of 3 ft^2 (0.28 m^2), for a 5 × 9 test an area of 0.5 ft^2 (0.05 m^2), whereby two adhered components which are intended to be in contact are not in contact.