

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	8
Final Actions	10
Project Initiation Notification System (PINS)	11
ANS Maintained Under Continuous Maintenance	14
ANSI-Accredited Standards Developers Contact Information	15

International Standards

IEC Draft Standards	16
ISO Newly Published Standards	19

Proposed Foreign Government Regulations	21
Information Concerning	22

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

Comment Deadline: October 26, 2014

NSF (NSF International)

Revision

BSR/NSF 42-201x (i80r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2013)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce specific aesthetic-related (non-health effects) contaminants in public or private water supplies. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

[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

NSF (NSF International)

Revision

BSR/NSF 44-201x (i36r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2013)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of residential cation exchange water softeners. This Standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to owners.

[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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i76r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Allan Rose, (734) 827-3817, arose@nsf.org

NSF (NSF International)

Revision

BSR/NSF 55-201x (i39r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2013)

The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

[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

NSF (NSF International)

Revision

BSR/NSF 62-201x (i25r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2013)

This standard establishes minimum materials, design and construction, and performance requirements for point-of-use and point-of-entry drinking water distillation systems and the components used in these systems. Distillation systems covered by this standard are designed to reduce specific chemical contaminants from potable drinking water supplies. Systems covered under this standard may also be designed to reduce microbiological contaminants, including bacteria, viruses, and cysts, from potable drinking water supplies. It is recognized that a system may be effective in controlling one or more of these contaminants, but systems are not required to control all.

[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 203-201x, Standard for Safety for Pipe Hanger Equipment for Fire Protection Service (revision of ANSI/UL 203-2010a)

This proposal for UL 203 involves changes to the requirements in Paragraphs 6.2, 6.6, and 15.2 and the addition of Paragraph 6.2.1.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (408) 754-6656, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 444-201x, Standard for Safety for Communications Cables (revision of ANSI/UL 444-2010b)

(1) Addition of requirements for coaxial cables employing a copper tube center; (2) Revision to 7.6 - AC Leakage Current Through Overall Jacket.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

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

BSR/UL 1082-201X, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 9-26-14) (revision of ANSI/UL 1082-2011)

Clarifications for thermostats (New 23.3.1; Revised 23.3, 23.4, 49.2.1, and Table 49.1).

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@ul.com

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

BSR/UL 6703-201x, Standard for Safety for Connectors for Use with Photovoltaic Systems (revision of ANSI/UL 6703-2014a)

This proposal clarifies the Strain Relief Test.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

Comment Deadline: November 10, 2014**ABMA (ASC B3) (American Bearing Manufacturers Association)****New National Adoption**

BSR/ABMA/ISO 104:2014, Rolling bearings - Thrust bearings - Boundary dimensions, general plan (identical national adoption of ISO 104:2002)

Specifies the major boundary dimensions of single-direction and double-direction thrust bearings with flat back faces. In addition, it gives the minimum bore diameters of housing washers and maximum outside diameters of shaft washers of bearings in dimension series 11, 12, 13, 14, 22, 23, and 24. Guidelines for the extension of this International Standard for single-direction thrust bearings are given in annex A.

Single copy price: \$36.00

Obtain an electronic copy from: info@americanbearings.org

Order from: info@americanbearings.org

Send comments (with copy to psa@ansi.org) to: James Converse, (919) 481-2852, jconverse@americanbearings.org; jconverse1@nc.rr.com

ABMA (ASC B3) (American Bearing Manufacturers Association)**New National Adoption**

BSR/ABMA/ISO 3096:2014, Rolling bearings - Needle rollers - Dimensions and tolerances (identical national adoption of ISO 3096:1996 and revision of ANSI/ABMA/ISO 3096:1998)

Specifies dimensions and tolerances for finished steel needle rollers used as rolling elements in rolling bearings. Replaces the first edition.

Single copy price: \$30.00

Obtain an electronic copy from: info@americanbearings.org

Order from: info@americanbearings.org

Send comments (with copy to psa@ansi.org) to: James Converse, (919) 481-2852, jconverse@americanbearings.org; jconverse1@nc.rr.com

ASABE (American Society of Agricultural and Biological Engineers)**New Standard**

BSR/ASABE S613-4 MONYEAR-201x, Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 4: Field qualification of a cab (new standard)

Defines a qualification test for a cab for use in contaminated environments as part of an Occupational Health and Safety Management System (OHSMS). This document is intended to be a guide for engineers and field technicians who are responsible for the use of these cabs in agricultural applications. Information provided by this part of the standard series should help engineers qualify a cab and HVAC system designs that can be used as an engineering control within a program of risk management.

Single copy price: \$55.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASC X9 (Accredited Standards Committee X9, Incorporated)**Revision**

BSR X9.100-160 Part 2-201x, Placement and Location of Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (revision of ANSI X9.100-160 Part 2 -2009)

(1) The industry has changed significantly with the 99.9% adoption of image exchange, therefore, very few paper checks are processed as paper for collection at paying banks, so the usage of EPC identifiers for carrier envelopes is no longer needed and the assignments of the digits 3 and 7 will be delisted and placed back into reserve.

Single copy price: \$60.00

Obtain an electronic copy from: janet.busch@x9.org

Order from: Janet Busch, (410) 267-7707, janet.busch@x9.org

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

ASCE (American Society of Civil Engineers)**New Standard**

BSR/ASCE/EWRI 39-201x, ASCE/EWRI 39 Guidelines for Operational Hail Suppression Programs (new standard)

The intent of this standard is to describe a process through which hail suppression operations should be designed, organized, and conducted. The information contained in this standard is intended to be helpful to those persons wishing to implement operational hail suppression activities. Operational activities addressed by this standard include airborne, ground-based, and rocket and artillery delivery systems.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

ASCE (American Society of Civil Engineers)**New Standard**

BSR/ASCE/EWRI 45-46-47-201x, ASCE/EWRI 45 Standard Guidelines for the Design of Urban Stormwater Systems; ASCE/EWRI 46 Standard Guidelines for the Installation of Urban Stormwater Systems; ASCE/EWRI 47 Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems (new standard)

ASCE will conduct a public comment period on Standard Guidelines for the Design, Installation, and Operation of Urban Stormwater Systems. The intent of this standard is to present construction guidance for urban stormwater systems. It updates ASCE/EWRI 45, 46, and 47 with material developed within the past eight years. The collection and conveyance of surface stormwaters are within the purview of this standard for applications such as airports; roads and other transportation systems; and industrial, residential, and recreation areas. This document is intended for guidance.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

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

BSR/ASHRAE Standard 188P-201x, Legionellosis: Risk Management for Building Water Systems (new standard)

This standard provides minimum Legionellosis risk management requirements for the design, construction, commissioning, operation, maintenance, repair, replacement, and expansion of new and existing buildings and their associated water systems and components. This standard applies to human-occupied commercial, institutional, multi-unit-residential and industrial buildings, excluding single-family residential buildings. Only where specifically noted in this standard shall certain building water systems or parts of building water systems be exempt.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/standards-research--technology/public-reviewdrafts>

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

BSR/ASHRAE Standard 41.4-201x, Standard Method for Measuring the Proportion of Lubricant in Liquid Refrigerant (revision of ANSI/ASHRAE Standard 41.4-1996 (R2006))

This revision of Standard 41.4-1996 prescribes a method for measuring the proportion of lubricant in liquid refrigerant. Test requirements and procedures are also more clearly specified.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/standards-research--technology/public-reviewdrafts>

ATIS (Alliance for Telecommunications Industry Solutions)**New Standard**

BSR ATIS 0600315.01-201x, Voltage Levels for 380V DC-Powered Equipment Used in the Telecommunications Environment (new standard)

This standard establishes requirements and test procedures for voltage ranges and characteristics associated with the 380V DC input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment.

Single copy price: \$60.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)**Revision**

BSR ATIS 0600015.01-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Server Requirements (revision of ANSI ATIS 0600015.01-2009)

This document defines how to measure the Telecommunications Energy Efficiency Ratio (TEER) of a server or server blade. 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: \$55.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)**Revision**

BSR ATIS 0600336-201x, Engineering Requirements for a Universal Telecom Framework (revision of ANSI ATIS 0600336-2009)

This standard, when used with established sheet metal manufacturing practices, sets forth dimensional parameters, performance requirements, and acceptance criteria for the manufacture and availability of equipment frames for housing electronic equipment as used in the telecommunications networks.

Single copy price: \$145.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawal

ANSI ATIS 0600015.06-2011, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting of Radio Base Station Metrics (withdrawal of ANSI ATIS 0600015.06-2011)

In a wireless access network, the Radio Base Stations (RBS) have the highest cumulative energy consumption because of the large number of RBSs in a network. This document defines the Telecommunications Energy Efficiency Ratio (TEER) metric for a Radio Base Station. The TEER metric addresses RBS throughput per Watt of input power drawn by the RBS. With the application of this standard, the user will report the TEER metric as well as the required information within the reporting forms. This document also provides a RF Power Efficiency ratio within the measurement procedures. The testing methodology to obtain the data that contributes to the TEER metric is also addressed.

Single copy price: \$170.00

Obtain an electronic copy from: kconn@atis.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA B102-201x, Manganese Greensand for Filters (revision of ANSI/AWWA B102-2010)

This standard describes manganese greensand used in pressure and gravity filters to remove dissolved iron, manganese, radium, arsenic, and hydrogen sulfide for water supply service applications. It discusses the placement, handling, preparation, and regeneration of manganese greensand media.

Single copy price: \$20.00

Obtain an electronic copy from: v david@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; v david@awwa.org

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

ISA (International Society of Automation)

Revision

BSR/ISA 77.43.01-201x, Fossil Fuel Power Plant Unit/Plant Demand Development (revision of ANSI/ISA S77.43.01-1994 (R2008))

The scope of this standard is to address the unit/plant demand development subsystem for boilers with steaming capacities of 200,000 lbs/hr (25 kg/s) or greater. This subsystem includes generation demand, boiler demand development, turbine demand development, throttle/header pressure control, and unit megawatt/steam flow control as applicable.

Single copy price: \$60.00

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

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

Withdrawal

INCITS/ISO/IEC TR 14165-372:2011, Information technology - Fibre Channel Methodologies for Interconnects - 2 (FC-MI-2) (withdrawal of INCITS/ISO/IEC TR 14165-372-2011)

ISO/IEC 14165-372:2011(E) is intended to document interoperability behavior for Fabric elements (i.e., E_Port, F_Port, FL_Port). It includes a wide range of issues such as link initialization, error detection, error recovery, fabric operation, management capabilities, and zoning. It serves as an implementation guide, whose primary objective is to maximize the likelihood of interoperability between conforming implementations. It specifies common methodologies for both Arbitrated Loop and Switched environments. The goal of this technical report is to facilitate interoperability between devices whether they are connected in a loop or Fabric topology.

Single copy price: \$224.00

Obtain an electronic copy from: www.ansi.org

Order from: www.ansi.org

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

NACE (NACE International, the Corrosion Society)

New National Adoption

BSR/NACE SP0XXX-201x, Petroleum, petrochemical and natural gas industries - Cathodic protection of pipeline transportation systems - Part 2: Offshore pipelines (national adoption with modifications of ISO 15589 -2:2012)

This part of ISO 15589 specifies requirements and gives recommendations for the pre-installation surveys, design, materials, equipment, fabrication, installation, commissioning, operation, inspection, and maintenance of cathodic protection (CP) systems for offshore pipelines for the petroleum, petrochemical, and natural gas industries as defined in ISO 13623.

Single copy price: \$32.00 (NACE member); \$42.00 (non-member)

Obtain an electronic copy from: everett.bradshaw@nace.org

Order from: Everett Bradshaw, (281) 228-6203, Everett.bradshaw@nace.org

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

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revision

BSR C136.38-201X, Standard for Roadway and Area Lighting Equipment - Induction Lighting (revision of ANSI C136.38-2009)

This standard defines the electrical and mechanical requirements of induction-type light sources for use in roadway and area lighting luminaires.

Single copy price: \$42.00

Obtain an electronic copy from: megan.hayes@nema.org

Order from: Megan Hayes, (703) 841-3285, megan.hayes@nema.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)**Revision**

BSR C78.376-201x, Electric lamps: Specifications for the Chromaticity of Fluorescent Lamps (revision of ANSI C78.376-2001 (R2011))

This standard covers the objectives and tolerances for the chromaticity of T8, T10, and T12 fluorescent lamps with a nominal loading of from 5 to 10 watts per foot at their normal 100-hour rating point.

Single copy price: \$65.00

Obtain an electronic copy from: Karen.Willis@nema.org

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.org

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

NSF (NSF International)**Revision**

BSR/NSF 49-201x (i72r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=25370&wg_abbrev=biosafety_jc

document_id=25370&wg_abbrev=biosafety_jc

Order from: Allan Rose, (734) 827-3817, arose@nsf.org

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

NW&RA (ASC Z245) (National Waste & Recycling Association)**Supplement**

BSR Z245.1 AMD-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment - Safety Requirements (Includes the Provisional Amendment ANSI/NW&RA Z245.1 (PA)) (supplement to ANSI Z245.1-2012)

The ANSI Z245 committee included fall protection requirements for the tops of waste collection vehicles in the 2012 revision of the standard with the belief that the requirements could be implemented simply, practically, and safely. As manufacturers and waste haulers have attempted to satisfy the new requirements, they have learned that they are not practical and in some cases may create an unsafe condition. There are problems with both the vehicle specifications and the employer mandates. Therefore, ANSI Z245.1 -2012 is amended to remove the following sections: 6.6.9 Fall protection; 7.4.7 Fall protection use; 9.19 Fall Protection.

Single copy price: \$100.00

Obtain an electronic copy from: www.wasterecycling.org

Order from: Bret Biggers, (202) 364-3710, bbiggers@wasterecycling.org

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

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

BSR/UL 2703-201x, Standard for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (new standard)

(1) The First Edition of the Standard for Mounting Systems, Mounting Devices, Clamping/ Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels, UL 2703, which covers rack mounting systems and clamping devices for flat-plate photovoltaic modules and panels that comply with the Standard for Flat-Plate Photovoltaic Modules and Panels, UL 1703, intended for installation on or integral with buildings, or to be freestanding (i.e., not attached to buildings).

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

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

BSR/UL 248-2-2005 (R201x), Standard for Safety for Low-Voltage Fuses - Part 2: Class C Fuses (reaffirmation of ANSI/UL 248-2-2005 (R2010))

Reaffirmation of ANSI approval for UL 248-2.

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: Casey Granata, (919) 549-1054, Casey.Granata@UL.Com

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

BSR/UL 1275-2010 (R201x), Standard for Safety for Flammable Liquid Storage Cabinets (reaffirmation of ANSI/UL 1275-2010)

(1) Reaffirmation and continuance of the Fourth Edition of the Standard for Flammable Liquid Storage Cabinets, UL 1275.

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: Elizabeth Sheppard, (847) 664-3276, Elizabeth.H.Sheppard@ul.com

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

BSR/UL 2239-201x, Standard for Hardware for the Support of Conduit, Tubing, and Cable (revision of ANSI/UL 2239-2009)

(1) Withdrawal of Proposal: Additional requirements for cable cleats; (2) Withdrawal of Proposal: Revision to include use of special materials to mount hardware devices; (4) Withdrawal of Proposal: Addition of evaluation requirements for conduit and tubing supports that are not fastened to a structure (above and below ground).

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

VC (ASC Z80) (The Vision Council)**Revision**

BSR Z80.10-201x, Tonometers (revision of ANSI Z80.10-2009)

This standard, together with ISO 15004-1:2006, Fundamental requirements and test methods - Part 1: General requirements applicable to all instruments - First edition, specifies minimum requirements and the design compliance procedure for tonometers intended for routine clinical use in the estimation of intraocular pressure (IOP) for the detection, diagnosis, and management of ocular abnormalities.

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: November 25, 2014**ASME (American Society of Mechanical Engineers)****Revision**

BSR/ASME Y14.2-201x, Line Conventions and Lettering (revision and redesignation of ANSI/ASME Y14.2M-2008)

This Standard establishes the line and lettering practices for use in the preparation of drawings, including the recognition of the requirements for computer-aided design (CAD) and manually prepared drawings. When no exception or additional requirements are stated, existing ASME standards shall apply.

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

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

BSR/UL 5A-201x, Standard for Safety for Nonmetallic Surface Raceways and Fittings (revision of ANSI/UL 5A-2008 (R2013))

Proposed Fourth Edition of the Standard for Nonmetallic Surface Raceways and Fittings, UL 5A.

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: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

HL7 (Health Level Seven)

HL7 V3 DAM SCHIZ, R1, HL7 Version 3 Domain Analysis Model: Schizophrenia, Release 1 - US Realm (TECHNICAL REPORT) (technical report)

This is a synthesized set of data elements for Major Depressive Disorder, a prioritized disease area for data standardization within the U.S. Food and Drug Administration (FDA). The Domain Analysis Model, which is a set of common and reusable classes aligned with the Schizophrenia (DAM) that will support the need, the use case for regulatory submission or post submission decision making and patient care.

Single copy price: Free to HL7 members; free to non-members 90 days following publication

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

Projects Withdrawn from Consideration

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

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

INCITS/ISO/IEC 9637-1:1994 [S2014], Information technology - Computer Graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Data stream binding - Part 1: Character encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1:1994 [S2009])

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.

ACMI (Art & Creative Materials Institute)

Office: 99 Derby Street
Suite 200
Hingham, MA 02043

Contact: David Baker

Phone: (202) 253-4347

E-mail: dbaker@acminet.org

BSR Z356.5-201x, Paints and Inks (new standard)

ASSE (ASC Z490) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: Timothy Fisher

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z390.1-201X, Accepted Practices for Hydrogen Sulfide (H2S) Training Programs (new standard)

ASSE (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448

Contact: Conrad Jahrling

Phone: (708) 995-3017

Fax: (708) 479-6139

E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1001-201x, Atmospheric Type Vacuum Breakers (revision of ANSI/ASSE 1001-2008)

ISA (International Society of Automation)

Office: PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Eliana Brazda

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 77.43.01-201x, Fossil Fuel Power Plant Unit/Plant Demand Development (revision of ANSI/ISA S77.43.01-1994 (R2008))

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

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

Contact: Deborah Spittle

Phone: (202) 626-5746

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 7811-1:2014, Identification cards - Recording technique - Part 1: Embossing (identical national adoption of ISO/IEC 7811-1:2014 and revision of INCITS/ISO/IEC 7811-1:2002 [R2013])

INCITS/ISO/IEC 7811-6:2014, Identification cards - Recording technique - Part 6: Magnetic stripe - High coercivity (identical national adoption of ISO/IEC 7811-6:2014 and revision of INCITS/ISO/IEC 7811-6:2008 [2011])

INCITS/ISO/IEC 14496-10:2014, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding (identical national adoption of ISO/IEC 14496-10:2014 and revision of INCITS/ISO/IEC 14496-10:2012 [2013])

INCITS/ISO/IEC TR 14165-372:2011, Information technology - Fibre Channel Methodologies for Interconnects - 2 (FC-MI-2) (withdrawal of INCITS/ISO/IEC TR 14165-372-2011)

Obtain an electronic copy from: www.ansi.org

INCITS/ISO/IEC 7811-7:2014, Identification cards - Recording technique - Part 7: Magnetic stripe - High coercivity, high density (identical national adoption of ISO/IEC 7811-7:2014 and revision of INCITS/ISO/IEC 7811-7:2004 [R2009])

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Megan Hayes

Phone: (703) 841-3285

Fax: (703) 841-3385

E-mail: megan.hayes@nema.org

BSR C136.38-201X, Standard for Roadway and Area Lighting
Equipment - Induction Lighting (revision of ANSI C136.38-2009)

Obtain an electronic copy from: megan.hayes@nema.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Karen Willis

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

BSR C78.376-201x, Electric lamps: Specifications for the Chromaticity
of Fluorescent Lamps (revision of ANSI C78.376-2001 (R2011))

Obtain an electronic copy from: Karen.Willis@nema.org

**NIST/ITL (National Institute of Standards and
Technology/Information Technology Laboratory)**

Office: 100 Bureau Drive
Gaithersburg, MD 20899-8940

Contact: Brad Wing

Phone: (301) 975-5663

Fax: (301) 975-5287

E-mail: Brad.Wing@NIST.Gov

BSR/NIST/ITL 1-2011 Update:2015, Data Format for the Interchange of
Fingerprint, Facial & Other Biometric Information (revision of
ANSI/NIST-ITL 1-2011 Update:2013)

NW&RA (ASC Z245) (National Waste & Recycling Association)

Office: 4301 Connecticut Ave, Suite 300
Washington, DC 20008

Contact: Bret Biggers

Phone: (202) 364-3710

E-mail: bbiggers@wasterecycling.org

BSR Z245.1 AMD-201x, Equipment Technology and Operations for
Wastes and Recyclable Materials - Mobile Wastes and Recyclable
Materials Collection, Transportation, and Compaction Equipment -
Safety Requirements (Includes the Provisional Amendment
ANSI/NW&RA Z245.1 (PA)) (supplement to ANSI Z245.1-2012)

Obtain an electronic copy from: www.wasterecycling.org

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Charles Bohanan

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 558 om-2010 (R201x), Surface wettability and
absorbency of sheeted materials using an automated contact angle
tester (reaffirmation of ANSI/TAPPI T 558 om-2010)

UL (Underwriters Laboratories, Inc.)

Office: 1285 Walt Whitman Road
Melville, NY 11747-3081

Contact: Edward Minasian

Phone: (631) 546-3305

Fax: (631) 439-6757

E-mail: Edward.D.Minasian@ul.com

BSR/UL 5A-201x, Standard for Safety for Nonmetallic Surface
Raceways and Fittings (revision of ANSI/UL 5A-2008 (R2013))

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

ASSE (ASC Z359) (American Society of Safety Engineers)

Revision

ANSI/ASSE Z359.14-2014, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest & Rescue Systems (revision of ANSI/ASSE Z359.14-2012): 9/17/2014

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revision

ANSI C12.9-2014, Standard for Test Switches for Transformer-Rated Meters (revision of ANSI C12.9-2005): 9/17/2014

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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Office: 2025 M Street, NW
Suite 800
Washington, DC 20036-3309

Contact: James Converse

Fax: (919) 827-4587

E-mail: jconverse@americanbearings.org; jconverse1@nc.rr.com

BSR/ABMA/ISO 10285-2009 (R201x), Rolling bearings - Sleeve type linear ball bearings - Boundary dimensions and tolerances (reaffirmation of ANSI/ABMA/ISO 10285-2009)

Stakeholders: U.S. bearing manufacturers and users.

Project Need: To keep standard active.

Specifies the boundary dimensions, tolerances, and definitions for sleeve-type linear-motion ball bearings.

ACMI (Art & Creative Materials Institute)

Office: 99 Derby Street
Suite 200
Hingham, MA 02043

Contact: David Baker

E-mail: dbaker@acminet.org

* BSR Z356.1-201x, Crayons (new standard)

Stakeholders: Artists Equity Association; National Art Education Association; National Art Materials Trade Association; Consumer Product Safety Commission; National Paint and Coatings Association; National Parent-Teachers Association; Consumer Federation of America; National Safety Council; Kids in Danger (U.S. Public Interest Research Group).

Project Need: Re-establish ANS for Crayons; Prior ANS lapsed and was withdrawn.

Proposed ANS will provide requirements for the dimensions, materials, breaking strength, characteristics, toxicity, working properties of crayons. Also test methods are provided for determining breaking strength, color uniformity and for molded "washable" crayons only - removability from nonporous surfaces.

* BSR Z356.2-201x, Chalk (new standard)

Stakeholders: Artists Equity Association; National Art Education Association; National Art Materials Trade Association; Consumer Product Safety Commission; National Paint and Coatings Association; National Parent-Teachers Association; Consumer Federation of America; National Safety Council; Kids in Danger (U.S. Public Interest Research Group).

Project Need: Re-establish ANS for Chalk; Prior ANS lapsed and was withdrawn.

The proposed standard will provide requirements for the dimensions, characteristics, materials, breaking strength, toxicity, color uniformity, and packaging for chalk. Test methods are provided for determining the material content, breaking strength, and color uniformity.

* BSR Z356.3-201x, Adhesives (new standard)

Stakeholders: Artists Equity Association; National Art Education Association; National Art Materials Trade Association; Consumer Product Safety Commission; National Paint and Coatings Association; National Parent-Teachers Association; Consumer Federation of America; National Safety Council; Kids in Danger (U.S. Public Interest Research Group).

Project Need: Re-establish ANS for Adhesives; Prior ANS lapsed and was withdrawn.

The proposed standard will establish nationally recognized quality, safety, and packaging requirements for paste, polymer-emulsion adhesives, and glue and will provide a basis for common understanding among producers, distributors, and users of these products.

* BSR Z356.4-201x, Modeling Materials (new standard)

Stakeholders: Artists Equity Association; National Art Education Association; National Art Materials Trade Association; Consumer Product Safety Commission; National Paint and Coatings Association; National Parent-Teachers Association; Consumer Federation of America; National Safety Council; Kids in Danger (U.S. Public Interest Research Group).

Project Need: Re-establish ANS for Modeling Materials; Prior ANS lapsed and was withdrawn.

The proposed standard will provide a general description of various types of modeling materials intended for use in such places as schools and homes, their working qualities, characteristics, formulation, toxicity, packaging, and color range.

* BSR Z356.5-201x, Paints and Inks (new standard)

Stakeholders: Artists Equity Association; National Art Education Association; National Art Materials Trade Association; Consumer Product Safety Commission; National Paint and Coatings Association; National Parent-Teachers Association; Consumer Federation of America; National Safety Council; Kids in Danger (U.S. Public Interest Research Group).

Project Need: Re-establish ANS for Paints and Inks; Prior ANS lapsed and was withdrawn.

The proposed standard will provide minimum requirements for materials, toxicity, coarse particle content characteristics, working qualities, preservative effectiveness, size, and packaging of paints and inks for art education. The proposed standard will cover the following eleven types of paints and inks: (1) Finger paint; (2) Powder finger paint; (3) Liquid tempera; (4) Powder tempera; (5) Cake tempera; (6) Acrylic paint, permanent; (7) Acrylic paint, washable; (8) Watercolor crayons; (9) Semi-moist watercolors; (10) Watercolor markers; and (11) Water-dispersible block printing inks.

ASSE (ASC Z490) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: Timothy Fisher

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z390.1-201X, Accepted Practices for Hydrogen Sulfide (H₂S) Training Programs (new standard)

Stakeholders: Professionals working with H₂S-related hazards and exposures.

Project Need: Based upon the consensus of SH&E (Safety, Health, and Environmental).

This standard sets forth accepted practices for hydrogen sulfide (H₂S) safety training and instruction of affected personnel to include, but not be limited to, the following: minimum informational content of the course-recommended exercises and drills; refresher training requirements; H₂S Safety Instructor qualification; properties and characteristics of H₂S; sources of H₂S and areas of potential exposure; typical site-specific safe work practices associated with H₂S operations; detection methods for H₂S; and selection, use, and care of personal protective equipment appropriate for atmospheres containing H₂S concentrations above the Threshold Limit Values.

ASSE (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448

Contact: Conrad Jahrling

Fax: (708) 479-6139

E-mail: conrad.jahrling@asse-plumbing.org

* BSR/ASSE 1001-201x, Atmospheric Type Vacuum Breakers (revision of ANSI/ASSE 1001-2008)

Stakeholders: Plumbing industry.

Project Need: Revise the requirements of certain applications to reflect practice and public need.

This standard applies to atmospheric-type vacuum breakers that are single-pipe-applied (does not apply to tank ball cocks or similar devices that depend on float-operated valves to control flow). The purpose of these devices is to provide protection of the potable water supply against pollutants or contaminants that enter the system due to back siphonage through the outlet.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: Kerriane Conn

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR ATIS 0600015.09-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting of Radio Base Station Metrics (new standard)

Stakeholders: Communication industry.

Project Need: This document defines the methodology to be used by vendors and third-party test laboratories in the determination of RBS input power and energy efficiency.

This document defines the methodology to be used by vendors and third-party test laboratories in the determination of RBS input power and energy efficiency.

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

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

Contact: Deborah Spittle

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 7811-1:2014, Identification cards - Recording technique - Part 1: Embossing (identical national adoption of ISO/IEC 7811-1:2014 and revision of INCITS/ISO/IEC 7811-1:2002 [R2013])

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

This part of ISO/IEC 7811 is one of a series of International Standards describing the parameters for identification cards as defined in the definitions clause and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for embossed characters on identification cards. The embossed characters are intended for transfer of data either by use of imprinters or by visual or machine reading. It takes into consideration both human and machine aspects and states minimum requirements.

INCITS/ISO/IEC 7811-6:2014, Identification cards - Recording technique - Part 6: Magnetic stripe - High coercivity (identical national adoption of ISO/IEC 7811-6:2014 and revision of INCITS/ISO/IEC 7811-6:2008 [2011])

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

This International Standard defines the characteristics for identification cards as defined in Clause 4 of this part of ISO/IEC 7811 and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for a high coercivity magnetic stripe (including any protective overlay) on an identification card, the encoding technique, and coded character sets. It takes into consideration both human and machine aspects and states minimum requirements.

INCITS/ISO/IEC 14496-10:2014, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding (identical national adoption of ISO/IEC 14496-10:2014 and revision of INCITS/ISO/IEC 14496-10:2012 [2013])

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

This part of ISO/IEC 14496 specifies advanced video coding for coding of audio-visual objects.

INICTS/ISO/IEC 7811-7:2014, Identification cards - Recording technique - Part 7: Magnetic stripe - High coercivity, high density (identical national adoption of ISO/IEC 7811-7:2014 and revision of INCITS/ISO/IEC 7811-7:2004 [R2009])

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

This part of ISO/IEC 7811 is one of a series of international Standards describing the characteristics for identification cards as defined in the definitions clause and the use of such cards for international interchange. This part of ISO/IEC 7811 specifies requirements for a high coercivity magnetic stripe (including any protective overlay) on an identification card and encoding technique. It takes into consideration both human and machine aspects and states minimum requirements.

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)

Office: 100 Bureau Drive
Gaithersburg, MD 20899-8940

Contact: *Brad Wing*

Fax: (301) 975-5287

E-mail: Brad.Wing@NIST.Gov

BSR/NIST/ITL 1-2011 Update:2015, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision of ANSI/NIST-ITL 1-2011 Update:2013)

Stakeholders: Law Enforcement; Military; Disaster Victim Identification; Forensics communities.

Project Need: Correct errata; Allow use of NIEM 3.0 encoding; Add new explanatory text where deemed necessary.

Correct Errata; Add new explanatory text where deemed necessary; Allow use of NIEM 3.0 encoding.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 558 om-2010 (R201x), Surface wettability and absorbency of sheeted materials using an automated contact angle tester (reaffirmation of ANSI/TAPPI T 558 om-2010)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI/ANSI standard in order to determine if a revision is needed to address new technology or correct errors.

This test method measures the contact angle of a test liquid in contact with a film or a paper substrate under specified test conditions. This test method may be used with any liquid of interest which is compatible with the equipment used, particularly with regard to liquid viscosity, tackiness, and vapor pressure (evaporation). This test method may be used with any substrate of interest, which can be cut to dimensions compatible with the equipment used.

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.

ABMA (ASC B3)

American Bearing Manufacturers Association

2025 M Street, NW
Suite 800
Washington, DC 20036-3309
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

ACMI

Art & Creative Materials Institute

99 Derby Street
Suite 200
Hingham, MA 02043
Phone: (202) 253-4347
Web: www.acminet.org

ASABE

American Society of Agricultural and Biological Engineers

2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9

Accredited Standards Committee X9, Incorporated

1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASCE

American Society of Civil Engineers

1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

ASHRAE

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1143
Fax: (678) 539-2159
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

ASSE (Organization)

ASSE International Chapter of IAPMO

18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Fax: (708) 479-6139
Web: www.asse-plumbing.org

ASSE (Safety)

American Society of Safety Engineers

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

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

AWWA

American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

HL7

Health Level Seven

3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

ISA (Organization)

ISA-The Instrumentation, Systems, and Automation Society

PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
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) 626-5746
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 C12)

National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227
Fax: (703) 841-3327
Web: www.nema.org

NEMA (ASC C78)

National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (Canvass)

National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3285
Fax: (703) 841-3385
Web: www.nema.org

NIST/ITL

National Institute of Standards and Technology/Information Technology Laboratory

100 Bureau Drive
Gaithersburg, MD 20899-8940
Phone: (301) 975-5663
Fax: (301) 975-5287
Web: www.nist.gov

NSF

NSF International

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

NW&RA (ASC Z245)

National Waste & Recycling Association

4301 Connecticut Ave, Suite 300
Washington, DC 20008
Phone: (202) 364-3710
Web: www.wasterecycling.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

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725
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.thevisioncouncil.org



IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) 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 IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding IEC documents should be sent to Charles T. Zegers, at ANSI's New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an IEC 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.

- 21A/561/FDIS, IEC 62620: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for use in industrial applications, 11/14/2014
- 22E/154/CD, IEC 62909-1 Ed.1: Bi-directional grid connected power converters - Part 1: General requirements, 11/14/2014
- 23E/854/CDV, IEC 62752 Ed.1: In-Cable Control and Protection Device for mode 2 charging of electric road vehicles (IC-CPD), 12/05/2014
- 34D/1145/FDIS, IEC 60598-2-20 Ed.4: Luminaires - Part 2-20: Particular requirements - Lighting chains, 11/07/2014
- 34D/1146/FDIS, IEC 60598-2-21 Ed.1: Luminaires - Part 2-21: Particular requirements - Rope lights, 11/07/2014
- 34D/1147/FDIS, IEC 62722-2-1 Ed.1: Luminaire performance - Part 2 -1: Particular requirements for LED luminaires, 11/07/2014
- 34B/1751/FDIS, Amendment 51 to IEC 60061-1 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps, 11/14/2014
- 34B/1752/FDIS, Amendment 48 to IEC 60061-2 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, 11/14/2014
- 34B/1753/FDIS, Amendment 49 to IEC 60061-3 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges, 11/14/2014
- 34A/1796/FDIS, IEC 62717 Ed.1: LED modules for general lighting - Performance requirements, 11/07/2014
- 34A/1797/FDIS, IEC 60810 Ed.4: Lamps for road vehicles - Performance requirements, 11/07/2014
- 34A/1798/FDIS, IEC 60809 Ed.3: Lamps for road vehicles, 11/07/2014
- 34A/1799/CD, IEC 62931 Ed.1: GX16t-5 capped tubular LED lamp - Safety specifications, 12/05/2014
- 46A/1216/CDV, IEC 61196-1-110: Coaxial communication cables - Part 1-110: Electrical test methods test methods - Test for continuity, 12/12/2014
- 46A/1217/CDV, IEC 61196-1-114: Coaxial communication cables - Part 1-114: Electrical test methods - Test for inductance, 12/12/2014
- 46A/1218/CDV, IEC 61196-4-1: Coaxial communication cables - Part 4 -1: Blank detail specification for radiating cables, 12/12/2014
- 46A/1219/CDV, IEC 61196-9-1: Coaxial communication cables - Part 9 -1: Blank detail specification for flexible RF coaxial cables, 12/12/2014
- 46A/1220/CDV, IEC 61196-1-116: Coaxial communication cables - Part 1-116: Electrical test methods- Test for impedance with time domain reflectometry (TDR), 12/12/2014
- 47E/477/CDV, IEC 60747-2 Ed. 3: Semiconductor devices - Discrete devices - Part 2: Rectifier diodes, 12/12/2014
- 47E/478/CDV, IEC 60747-6 Ed. 3: Semiconductor devices - Discrete devices - Part 6: Thyristors, 12/12/2014
- 62C/596/CDV, Amendment 1 to IEC 60731: Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy, 12/05/2014
- 62D/1162/CDV, ISO 80369-3: Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications, 12/05/2014
- 62D/1163A/CDV, ISO 80369-6: Small bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications, 02/06/2015
- 62D/1163/CDV, ISO 80369-6: Small bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications, 02/06/2015
- 65E/398A/CDV, IEC 61987-13 Ed. 1.0: Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 13: Lists of properties (LOP) for Pressure Measuring Equipment for electronic data exchange, 10/24/2014
- 65E/400/CDV, IEC 62264-4 Ed. 1.0: Enterprise-Control System Integration Part 4: Objects and attributes for manufacturing operations management integration, 12/12/2014
- 65C/779/CDV, IEC 61784-3 Ed 3.0: Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions, 12/12/2014
- 65C/780/CDV, IEC 61784-3-x Ed 3.0: Industrial communication networks - Profiles - Part 3-x: Functional safety fieldbuses - Additional specifications for CPF x, 12/12/2014
- 65C/787/PAS, Industrial communication networks - Fieldbus specifications and Profiles - ADS-net, 11/14/2014
- 65B/934/CDV, IEC 61003-1 Ed 3.0: Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 1: Methods of evaluating the performance, 12/12/2014

- 65B/935/CDV, IEC 61003-2 Ed 2.0: Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 2: Guidance for inspection and routine testing, 12/12/2014
- 65B/936/CDV, IEC 61515 Ed 2.0: Mineral insulated metal sheathed thermocouple cables and thermocouples, 12/12/2014
- 86B/3806/CDV, IEC 60875-1/Ed6: Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification, 12/05/2014
- 86B/3807/CDV, IEC 61753-382-2/Ed1: Fibre optic interconnecting devices and passive components - Performance standard - Part 382 -2: Non-connectorised single-mode bidirectional G-PON-NGA WDM devices for category C - Controlled environment, 12/05/2014
- 86B/3828/CD, IEC 61753-1/Ed2: Fibre optic interconnecting devices and passive components - Performance standards - Part 1: General and guidance, 11/14/2014
- 15/739/FDIS, IEC 60455-2/Ed3: Resin based reactive compounds used for electrical insulation - Part 2: Methods of test, 11/07/2014
- 26/544/CDV, IEC 60974-6 Ed.3: Arc welding equipment - Part 6: Limited duty equipment, 12/12/2014
- 26/550/CD, IEC 60974-1 Ed.5: Arc welding equipment - Part 1: Welding power source, 12/05/2014
- 29/853/FDIS, Amendment 1 to IEC 62489-1: Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components, 11/14/2014
- 3/1194A/FDIS, IEC 62744/Ed.1: Dynamic representation of Graphical symbols, 10/31/2014
- 34/213/DC, Future revision of IEC 60038:2009 - Standard voltages for LVDC distribution of TC 34, 10/24/2014
- 46/513/CDV, IEC 61935-2-21/Ed 1.0: Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-21: Cord and work area cord category 6 - Blank detail specification, 12/05/2014
- 46/514/CDV, IEC 61935-2-23/Ed 1.0: Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-23: Cord and work area cord category 7- Blank detail specification, 12/05/2014
- 46/515/CDV, IEC 61935-2-24/Ed 1.0: Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-24: Cord and work area cord category 7A - Blank detail specification, 12/05/2014
- 46/518/CDV, IEC 61935-2-25: Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-25: Work area with M12 4 poles connectors - Blank detail specification, 12/12/2014
- 46/519/CDV, IEC 61935-2-22/Ed 1.0: Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-22: Cord and work area cord category 6A - Blank detail specification, 12/12/2014
- 46/521/CDV, IEC 60966-2-4: Cable Assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors, 12/12/2014
- 46/523/CDV, IEC 60966-2-5: Cable Assemblies - Part 2-5: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors, 12/12/2014
- 69/310/CD, IEC 61851: Electric Vehicles Conductive Power Supply System - Part 3-4, Requirements for Light Electric Vehicles (LEV) communication - General definitions and EMSC, 11/07/2014
- 69/311/CD, IEC 61851, Electric Vehicles Conductive Power Supply System - Part 3-5, Requirements for Light Electric Vehicles (LEV) communication - Pre-defined communication parameters, 11/07/2014
- 69/312/CD, IEC 61851, Electric Vehicles Conductive Power Supply System - Part 3-6, Requirements for Light Electric Vehicles (LEV) communication - Voltage converter unit, 11/07/2014
- 69/313/CD, IEC 61851, Electric Vehicles Conductive Power Supply System - Part 3-7, Requirements for Light Electric Vehicles (LEV) communication - Battery system, 11/07/2014
- 82/883/CD, IEC 62925 Ed.1: Thermal cycling test for CPV modules to differentiate increased thermal fatigue durability, 12/05/2014
- 82/884/DTS, IEC 62910 TS Ed.1: Test procedure of Low Voltage Ride-Through (LVRT) measurements for utility-interconnected photovoltaic inverter, 12/05/2014
- 82/885/DTS, IEC 62804 TS Ed.1: Test methods for detection of potential-induced degradation of crystalline silicon photovoltaic (PV) modules, 12/05/2014
- 85/484/Q, Corrigendum for IEC 62586-2 Ed.1.0, 10/17/2014
- 9/1978/FDIS, IEC 60850 Ed.4: Railway applications - Supply voltages of traction systems, 11/07/2014
- 110/604/CD, IEC 62341-6-3 Ed.2: Organic light emitting diode (OLED) displays - Part 6-3: Measuring methods of image quality, 11/07/2014
- 110/606/CD, IEC 62341-6-1 Ed.2: Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, 11/14/2014
- 18/1426/FDIS, IEC 60092-507: Electrical installations in ships - Part 507 - Small vessels, 11/07/2014
- 35/1328/CDV, IEC 60086-1/Ed12: Primary batteries - Part 1: General, 12/05/2014
- 35/1329/CDV, IEC 60086-2/Ed13: Primary batteries - Part 2: Physical and electrical specifications, 12/05/2014
- 40/2305/CD, IEC 60384-4 Ed.5: Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Fixed aluminium electrolytic capacitors with solid (MnO₂) and non-solid electrolyte, 12/12/2014
- 40/2307/CD, IEC 60384-18 Ed.1: Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO₂) and non-solid electrolyte, 12/12/2014
- 51/1071/CD, IEC 62317-12 Ed.1: Ferrite cores - Dimensions - Part 12: Ring cores, 12/05/2014
- 57/1485/CDV, IEC 61850-7-410 A1 Ed.2: Amendment 1 to IEC 61850 -7-410 Ed.2: Communication networks and systems for power utility automation - Part 7-410: Basic communication structure - Hydroelectric power plants - Communication for monitoring and control, 12/12/2014
- 57/1486/CDV, IEC 62361-100 Ed.1: Power systems management and associated information exchange - Interoperability in the long term - Part 100: CIM profiles to XML schema mapping, 12/12/2014
- 89/1237/FDIS, IEC 60695-1-12/Ed1: Fire hazard testing - Part 1-12: Guidance for assessing the fire hazard of electrotechnical products - Fire safety engineering, 11/14/2014
- 89/1238/FDIS, IEC 60695-8-2/Ed1: Fire hazard testing - Part 8-2: Heat release - Summary and relevance of test methods, 11/14/2014

- 91/1189/CDV, IEC 61189-3-719 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-719: Test methods for interconnection structures (printed boards) - Monitoring of single plated-through hole (PTH) resistance change during thermal cycling, 12/12/2014
- 100/2367/CDV, IEC 62842/Ed1: File allocation system with minimized reallocation for multimedia home server (TA 8), 12/12/2014
- CIS/A/1086A/FDIS, CISPR 16-1-5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz, 11/07/2014
- CIS/A/1086/FDIS, CISPR 16-1-5: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz, 11/07/2014
- CIS/A/1087/FDIS, CISPR 16-1-6: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC-antenna calibration, 11/07/2014



Newly Published ISO Standards

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

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO 18650-2:2014, Building construction machinery and equipment - Concrete mixers - Part 2: Procedure for examination of mixing efficiency, \$132.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO 19338:2014, Performance and assessment requirements for design standards on structural concrete, \$88.00

DENTISTRY (TC 106)

ISO 16635-2:2014, Dentistry - Dental rubber dam instruments - Part 2: Clamp forceps, \$58.00

EARTH-MOVING MACHINERY (TC 127)

ISO 17253:2014, Earth-moving machinery and rough-terrain variable-reach trucks - Design requirements for machines intended to be driven on road, \$123.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 6362-7:2014, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 7: Chemical composition, \$66.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8598-1:2014, Optics and optical instruments - Focimeters - Part 1: General purpose instruments, \$156.00

ISO 14135-1:2014, Optics and photonics - Specifications for telescopic sights - Part 1: General-purpose instruments, \$66.00

ISO 14135-2:2014, Optics and photonics - Specifications for telescopic sights - Part 2: High-performance instruments, \$66.00

PAINTS AND VARNISHES (TC 35)

ISO 2813:2014, Paints and varnishes - Determination of gloss value at 20 degrees, 60 degrees and 85 degrees, \$139.00

PLASTICS (TC 61)

ISO 15512:2014, Plastics - Determination of water content, \$149.00

ROAD VEHICLES (TC 22)

ISO 18541-1:2014, Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 1: General information and use case definition, \$180.00

ISO 18541-2:2014, Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 2: Technical requirements, \$165.00

ISO 18541-3:2014, Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 3: Functional user interface requirements, \$108.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 6806:2014, Rubber hoses and hose assemblies for use in oil burners - Specification, \$99.00

ISO 17324:2014, Rubber hoses for automotive turbochargers - Specification, \$114.00

ISO 27126:2014, Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification, \$139.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

IEC/PAS 80005-3:2014, Utility connections in port - Part 3: Low Voltage Shore Connection (LVSC) Systems - General requirements, \$189.00

STEEL (TC 17)

ISO 630-5:2014, Structural steels - Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance, \$123.00

ISO 630-6:2014, Structural steels - Part 6: Technical delivery conditions for seismic-proof improved structural steels for building, \$114.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO 10628-1:2014, Diagrams for the chemical and petrochemical industry - Part 1: Specification of diagrams, \$114.00

WATER QUALITY (TC 147)

ISO 9308-1:2014, Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 1: Membrane filtration method for waters with low bacterial background flora, \$88.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 21219-2:2014, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 2: UML modelling rules, \$189.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 1539-1/Cor3:2014, Information technology - Programming languages - Fortran - Part 1: Base language - Corrigendum 3, FREE

- ISO/IEC 18031/Cor1:2014, Information technology - Security techniques - Random bit generation - Corrigendum, FREE
- ISO/IEC 27001/Cor1:2014, Information technology - Security techniques - Information security management systems - Requirements - Corrigendum, FREE
- ISO/IEC 27002/Cor1:2014, Information technology - Security techniques - Code of practice for information security controls - Corrigendum, FREE
- ISO/IEC 8824-1/Cor2:2014, Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation - Corrigendum 2, FREE
- ISO/IEC 8824-4/Cor1:2014, Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications - Corrigendum, FREE
- ISO/IEC 8825-1/Cor2:2014, Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) - Corrigendum 2, FREE
- ISO/IEC 8825-4/Cor2:2014, Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) - Corrigendum 2, FREE
- ISO/IEC 8825-5/Cor2:2014, Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 - Corrigendum 2, FREE

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 rely 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 Accreditation as an ANSI ASD

National Association of State Boating Law Administrators (NASBLA)

ANSI's Executive Standards Council has approved the National Association of State Boating Law Administrators (NASBLA), a new ANSI Organizational Member in 2014, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on NASBLA-sponsored American National Standards, effective September 19, 2014. For additional information, please contact: Ms. Pamela Dillon, Education Director, NASBLA, 1648 McGrathiana Parkway, Suite 360, Lexington, KY 40511; phone: 859.225.9487, ext. 7368; e-mail: pam@nasbla.org.

Approvals of Reaccreditations

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) has been approved under its recently revised operating procedures for documenting consensus on AISC-sponsored American National Standards, effective September 19, 2014. For additional information, please contact: Mr. Keith Grubb, Senior Engineer, Editor, Engineering Journal, American Institute of Steel Construction, One East Wacker Drive, Suite 700, Chicago, IL 60601; phone: 312.670.8318; e-mail: grubb@aisc.org.

Indoor Environmental Standards Organization (IESO)

ANSI's Executive Standards Council has approved the reaccreditation of the Indoor Environmental Standards Organization (IESO), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on IESO-sponsored American National Standards, effective September 19, 2014. For additional information, please contact: Ms. Patricia Harman, Secretariat, Indoor Environmental Standards Organization, 12339 Carroll Avenue, Rockville, MD 20852; phone: 410.456.3700; e-mail: pharman@indoorstandards.org.

ASD Reorganization and Change of Name

ANLA and OFA Merge to Become AmericanHort

On January 1, 2014, the American Nursery & Landscape Association (ANLA), an ANSI Organizational Member and Accredited Standards Developer, merged with OFA – The Association of Horticultural Professionals to become the American Horticulture Industry Association, doing business as AmericanHort. AmericanHort will maintain ANSI ASD accreditation under its new name and ANLA's last set of reaccredited operating procedures (editorially revised to reflect the AmericanHort name). Any questions related to these changes should be directed to: Warren A. Quinn, JD, CAE, The Quinn Management Group LLC, P.O. Box 257, Kingsville, MD 21087; phone: 410.382.5569; e-mail: warren@TQMgrp.com.

Reaccreditation

American Association of Radon Scientists and Technologists (AARST)

Comment Deadline: October 27, 2014

The American Association of Radon Scientists and Technologists (AARST), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on AARST-sponsored American National Standards, last accredited in 2010. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of AARST's revised procedures or to offer comments, please contact: Mr. Gary Hodgden, AARST Radon Standards Stakeholder Chair, AARST, P.O. Box 2109, Fletcher, NC 28732; phone: 202.830.1110; e-mail: standards@aarst.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 procedural manual to AARST by October 27, 2014, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org).

International Organization for Standardization (ISO)

Call for comments

ISO/TMB – Standards under Systematic Review

ISO/IEC Guide 98-4:2012

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

ISO/IEC Guide 98-4:2012, Uncertainty of measurement -- Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Meeting Notice

Air-Conditioning, Heating, and Refrigeration Institute (AHRI) Meeting

Revision of AHRI Standard 340, 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 October 2 from 11 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 Mary Opalka at mopalka@ahrinet.org.

Tracking number 42i80r1 et al
© 2014 NSF
multiple revisions for 42i80r1, 44i36, 55i39, 62i25

Revision to NSF/ANSI 42 – 2013
Issue 80 Revision 1 (September 2014)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

[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 Treatment Units – Aesthetic effects

-
-
-

2 Normative references

-
-
-

~~ANSI/NFPA 70, 2002, National Electric Code⁴~~

~~APHA, *Standard Methods for the Examination of Water and Wastewater*, twentieth edition⁴~~

~~NSF/ANSI 51 – *Food Equipment Materials*~~

~~NSF/ANSI 53 – *Drinking water treatment units – Health effects*~~

~~NSF/ANSI 60 – *Drinking water treatment chemicals – Health effects*~~

-
-
-

6 Minimum performance requirements

-
-
-

~~6.6 Electrical safety and operation~~

~~Electrical controls and components of the system shall comply with the requirements of the *National Electrical Code*, or an equivalent where appropriate.~~

³ National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 <www.nfpa.org>

Tracking number 42i80r1 et al
© 2014 NSF
multiple revisions for 42i80r1, 44i36, 55i39, 62i25

Revision to NSF/ANSI 42 – 2013
Issue 80 Revision 1 (September 2014)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI Standard
for Drinking Water Treatment Units –
Residential cation exchange water softeners

-
-
-

2 Normative references

-
-
-

~~ANSI/NFPA 70, 2002, National Electric Code²~~

~~NSF/ANSI 53 – 2005: *Drinking water treatment units – Health effects*~~

~~NSF/ANSI 61 – 2003e: *Drinking water system components – Health effects*~~

~~USEPA-600/4-79-020, *Methods for the Chemical Analysis of Water and Wastes*, March 1983⁴~~

-
-
-

6 Minimum performance requirements

-
-
-

6.2 ~~Electrical safety and operation~~

~~Electrical controls and components of the softener shall comply with the requirements of the *National Electrical Code* or an equivalent where appropriate.~~

³ National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 <www.nfpa.org>

Tracking number 42i80r1 et al
© 2014 NSF
multiple revisions for 42i80r1, 44i36, 55i39, 62i25

Revision to NSF/ANSI 42 – 2013
Issue 80 Revision 1 (September 2014)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI Standard
for Drinking Water Treatment Units –
Ultraviolet microbiological water treatment units

-
-
-

2 Normative references

-
-
-

~~ANSI/NFPA 70, 1999. National Electric Code³~~

~~APHA, Standard Methods for the Examination of Water and Wastewater, twentieth edition¹¹~~

~~NSF/ANSI 53 –2006. Drinking water treatment units – Health effects~~

~~NSF/ANSI 58 –2005. Reverse osmosis drinking water treatment systems~~

~~NSF/ANSI 61 –2005. Drinking water system components – Health effects~~

-
-
-

6 Minimum performance requirements

-
-
-

~~6.9 Electrical requirements~~

~~Electrical systems and components shall comply with the requirements of the *National Electrical Code*, or equivalent, where appropriate. A certification of conformance shall be provided by the manufacturer.~~

¹⁰ ~~National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 <www.nfpa.org>.~~

Tracking number 42i80r1 et al
© 2014 NSF
multiple revisions for 42i80r1, 44i36, 55i39, 62i25

Revision to NSF/ANSI 42 – 2013
Issue 80 Revision 1 (September 2014)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI Standard
for Drinking Water Treatment Units –
Drinking water distillation systems

-
-
-

2 Normative references

-
-
-

~~ANSI/NFPA 70, 1999, National Electric Code⁴~~

~~NSF/ANSI 61 – *Drinking water system components – Health effects*~~

~~APHA, Standard Methods for the Examination of Water and Wastewater, twentieth edition, 1998⁴~~

~~USEPA–600/4-79-020, Methods for the Chemical Analysis of Water and Wastes, March 1983⁵~~

~~USEPA–600/4-91/010, Methods for the Determination of Metals in Environmental Samples, June 1991³~~

-
-
-

6 Minimum performance requirements

-
-
-

~~**6.10 Electrical safety and operation**~~

~~Electrical controls and components of the system shall comply with the requirements of the *National Electrical Code* or an equivalent where appropriate.~~

³ National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 <www.nfpa.org>

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI - 49

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

-
-
-

5 Design and construction

-
-
-

5.25 Alarms

5.25.1 Sliding sash alarm

Sliding sash enclosures shall include an audible and visual alarm, activated when the sash is raised above the manufacturer's specified opening height.

5.25.2 Internal cabinet supply/exhaust fan interlock alarm

When a cabinet contains both an internal downflow and exhaust fan, they shall be interlocked so that the downflow fan shuts off whenever the exhaust fan fails. An audible and visual alarm shall signal the failure. If the downflow fan fails, the exhaust fan shall continue to operate, and an audible and visual alarm shall signal the failure.

5.25.3 Type B exhaust alarm

Type B cabinets shall be exhausted by a remote fan. Once the cabinet is set or certified in its acceptable airflow range, audible and visual alarms shall be required to indicate a 20% or less loss of exhaust volume within 15 s. The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.

-
-
-

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

F.7 Site installation assessment tests

-
-
-

F.7.3.2.1 Exhaust alarm system – Type B1 or B2

Supply fan interlock on B cabinets:

- a) Shall be tested at time of alarm verification.
- b) Reduce exhaust volume 20% **or less** once the cabinet is set or certified in its acceptable airflow range, and verify that audible and visual alarms indicate a loss of exhaust volume within 15 s. The internal cabinet fan(s) shall be interlocked to shut off at the same time the alarms are activated.

NOTE – For direct connected Type B1 or B2 BSCs, measure the static pressure in the duct-work between the cabinet and duct-mounted balancing dampers.

BSR/UL 203, Standard for Safety for Pipe Hanger Equipment for Fire Protection Service

1. Changes to Requirements in Paragraphs 6.2, 6.6, and 15.2 and the Addition of Paragraph 6.2.1

PROPOSAL

6.2 A bracket shall be of such construction that the reactive force on any one bolt or screw is no greater than the load applied on the cantilever portion of the device, unless conformance of the fastener is evaluated for compliance.

(NEW)

6.2.1 If a bracket has a prying effect that causes an increased force on any one bolt or screw that is greater than the load applied to the cantilever portion of the device, then the specific fastener for use with the bracket shall be utilized for testing and indicated in the manufacturer's installation instructions. Other fasteners shall not be permitted unless specifically tested and allowed by the manufacturer's installation instructions.

6.6 Pipe hangers intended for use with CPVC pipe shall be constructed ~~such that compressive loads caused by the hanger do not deflect the pipe more than 5 percent of the maximum outside diameter of the pipe for SDR 13.5 pipe~~ so as to not apply compressive force to the pipe.

15.2 Installation instructions shall be provided with each shipment of hangers intended for the support of thermoplastic piping, and shall include at least the following items:

- a) Orientation of pipe that hanger is intended to support – horizontal or vertical;
- b) Orientation of mounting surface to which hanger is intended to be fastened – top, bottom or side.
- c) ~~Recommended fastening and mounting methods to limit the pipe deflection specified in 6.6 and by publishing the maximum outside diameter of the CPVC pipe that can be installed in the hanger. Either specific pipe diameter values shall be published or the nominal pipe sizes shall be published when the pipe outside diameters specified in ASTM F 442/442M are used to determine the deflection.~~

BSR/UL 444, Standard for Safety for Communications Cables

1. Addition of Requirements for Coaxial Cables Employing a Copper Tube Center Conductor

5.1.1 The conductors shall be solid or stranded, annealed, bare or metal-coated copper. The centre conductor of coaxial cables is also permitted to be a smooth or corrugated copper tube. The centre conductor of CMP, CMR, CMG, CM, CMH and CMX coaxial cables made of copper-clad steel shall have 21 percent or higher conductivity in accordance with ASTM Standard B 869.

5.1.3 If the insulation adjacent to the copper conductor is of a material that corrodes unprotected copper in the test described in Clause 7.1, the conductor shall be covered with a coating of tin complying with ASTM Standard B 33, of lead or lead-alloy complying with ASTM Standard B 189, of nickel complying with ASTM Standard B 355, of silver complying with ASTM Standard B 298, or of another metal or alloy. Evaluation of the effectiveness of these coatings shall be required. Metal-coating a conductor on which the coating is not required for corrosion protection shall be permitted. When this is done, the 100 per cent coverage requirement of the relevant ASTM Standard shall be waived.

The maximum temperature rating of cables relative to the diameter and coating of solid copper conductors or copper conductor strands or the thickness and coating of tubular copper conductors shall not be higher than those shown in Table 1.

7.17 Conductor diameter or cross-sectional area

Measurements of the diameter of a solid conductor or of a wire (strand) from a stranded conductor, the cross-sectional area of a stranded conductor, or the cross-sectional area of a tubular conductor shall be made in accordance with the procedure outlined in the test, Conductor Diameter, Cross-sectional Area by Mass (Weight) Method, or Cross-sectional Area by Diameter Method, in CSA C22.2 No. 2556 or UL 2556.

Table 1

Maximum temperature rating of cables relative to diameter and coating of the solid copper conductor or of each copper conductor strand or thickness and coating of the tubular copper conductor
(See Clause 5.1.3.)

	Diameter <u>of each strand or of the solid conductor or thickness of the tubular conductor</u>	
Metal coating	Smaller than 0.38 mm (0.015 in)	At least 0.38 mm (0.015 in)
Uncoated, tin or tin/lead alloy coating	150°C	200°C
Silver coating	200°C	200°C
Nickel coating	over 200°C	over 200°C

Table 2
Maximum direct current resistance of copper conductors in ohms per km
(See Clauses 5.1.6 and 7.16.3, and 8.3.2.)

Conductor size (AWG)	Stranded conductor				Solid or tubular conductor			
	Uncoated		Coated		Uncoated		Coated	
	20°C	25°C	20°C	25°C	20°C	25°C	20°C	25°C
30	354	361	371	377	374	384	390	397
29	277	282	288	294	293	299	305	311
28	223	227	232	236	236	240	245	250
27	175	179	182	186	185	189	193	197
26	140	143	145	148	148	151	154	157
25	111	113	115	117	117	119	121	124
24	87.6	89.2	90.9	93.2	93.8	95.8	103	105
23	69.2	70.5	71.9	73.2	73.2	74.5	76.1	77.8
22	55.4	56.4	57.4	58.7	59.1	60.4	65.0	66.3
21	43.6	44.6	45.6	46.3	46.3	47.2	48.2	49.2
20	34.4	35.1	35.8	36.4	36.4	37.1	38.1	38.7
19	27.5	28.4	28.6	29.1	29.1	29.7	30.2	30.8
18	21.9	22.3	22.7	23.1	21.4	21.8	22.2	22.7
17	17.4	17.7	17.9	18.3	16.9	17.2	17.6	17.9
16	13.7	14.0	14.3	14.6	13.5	13.7	14.0	14.3
15	10.8	11.1	11.3	11.5	10.6	10.8	11.1	11.3
14	8.60	8.76	8.96	9.09	8.45	8.61	8.78	8.96
13	6.82	6.96	7.09	7.22	6.69	6.82	6.96	7.09
12	5.41	5.51	5.61	5.71	5.31	5.42	5.53	5.64
11	4.33	4.43	4.49	4.59	4.22	4.30	4.39	4.48
10	3.41	3.48	3.54	3.61	3.34	3.41	3.48	3.55
9	2.705	2.758	2.813	2.868	2.652	2.704	2.730	2.784
8	2.144	2.186	2.230	2.274	2.102	2.143	2.163	2.206

7	1.700	1.734	1.768	1.802	1.667	1.699	1.716	1.749
6	1.348	1.375	1.403	1.430	1.323	1.348	1.361	1.388

Table 3
Maximum direct current resistance of copper conductors in ohms per 1000 ft
(See Clauses 5.1.6, 7.16.3, and 8.3.2.)

Conductor size (AWG)	Stranded conductor				Solid or tubular conductor			
	Uncoated		Coated		Uncoated		Coated	
	20°C	25°C	20°C	25°C	20°C	25°C	20°C	25°C
30	108	110	113	115	114	117	119	121
29	84.5	86.1	87.9	89.6	89.3	91.1	92.9	94.7
28	67.9	69.3	70.7	72.0	71.8	73.3	74.7	76.2
27	53.4	54.5	55.6	56.6	56.5	57.6	58.8	59.9
26	42.7	43.6	44.4	45.2	45.1	46.0	46.9	47.8
25	33.7	34.4	35.0	35.7	35.6	36.3	37.0	37.7
24	26.7	27.2	27.7	28.4	28.6	29.2	31.5	32.1
23	21.1	21.5	21.9	22.3	22.3	22.7	23.2	23.7
22	16.9	17.2	17.5	17.9	18.0	18.4	19.8	20.2
21	13.3	13.6	13.9	14.1	14.1	14.4	14.7	15.0
20	10.5	10.7	10.9	11.1	11.1	11.3	11.6	11.8
19	8.39	8.66	8.71	8.87	8.86	9.04	9.21	9.39
18	6.66	6.79	6.92	7.04	6.52	6.65	6.78	6.91
17	5.29	5.40	5.47	5.59	5.15	5.25	5.36	5.47
16	4.19	4.27	4.35	4.44	4.10	4.18	4.26	4.35
15	3.30	3.37	3.44	3.50	3.24	3.30	3.37	3.43
14	2.62	2.67	2.73	2.77	2.57	2.62	2.68	2.72
13	2.08	2.12	2.16	2.20	2.04	2.08	2.12	2.16
12	1.65	1.68	1.71	1.74	1.62	1.65	1.68	1.71
11	1.32	1.35	1.37	1.40	1.29	1.32	1.34	1.37
10	1.04	1.06	1.08	1.10	1.02	1.04	1.06	1.08

9	0.8245	0.8407	0.8574	0.8742	0.8084	0.8242	0.8319	0.8483
8	0.6535	0.6663	0.6795	0.6929	0.6407	0.6532	0.6594	0.6724
7	0.5182	0.5284	0.5389	0.5495	0.5081	0.5181	0.5229	0.5332
6	0.4112	0.4192	0.4276	0.4359	0.4031	0.4110	0.4148	0.4230

Table 5
Minimum diameter for solid conductors and cross-sectional area for tubular or stranded conductors
(See Clause 5.1.6.)

Conductor size (AWG)	Diameter of solid conductor		Cross-sectional area of <u>tubular</u> or stranded conductor	
	mm	in	mm ²	cmil
30	0.251	0.0099	0.0497	98
29	0.284	0.0112	0.0633	125
28	0.318	0.0125	0.0790	156
27	0.358	0.0141	0.100	198
26	0.384 ^a	0.0151 ^a	0.126	248
25	0.432 ^a	0.0170 ^a	0.159	314
24	0.485 ^a	0.0191 ^a	0.201	396
23	0.546 ^a	0.0215 ^a	0.254	501
22	0.610 ^a	0.0240 ^a	0.318	627
21	0.688 ^a	0.0271 ^a	0.404	796
20	0.772 ^a	0.0304 ^a	0.509	1000
19	0.866 ^a	0.0341 ^a	0.641	1264
18	1.013	0.0399	0.807	1588
17	1.138	0.0448	1.02	2009
16	1.278	0.0503	1.28	2528
15	1.435	0.0565	1.62	3195
14	1.613	0.0635	2.04	4028
13	1.81	0.0713	2.58	5076

12	2.03	0.0800	3.24	6399
11	2.28	0.0898	4.09	8065
10	2.56	0.1010	5.16	10172
9	2.87	0.113	6.50	12828
8	3.22	0.127	8.20	16180
7	3.63	0.143	10.34	20404
6	4.06	0.160	13.03	25715

^a Minimum acceptable diameter (0.95 x nominal) of a solid conductor of this size.

2. Revision to 7.6 - AC Leakage Current Through Overall Jacket

7.6 AC leakage current through overall jacket

The rms current flow through the overall jacket on one specimen of the finished cable shall not exceed 10 mA when a 48 - 62 Hz essentially sinusoidal rms potential of 1500 V is applied between all of the conductors and any shield(s) connected together and an earthed (grounded) metal foil that is in intimate contact with the centre 150 mm (6 in) of the outside surface of a specimen of any convenient length. Compliance shall be determined in accordance with the test, AC Leakage Current, in CSA C22.2 No. 2556 or UL 2556.

7.6.1 The rms current flow through the overall jacket on one specimen of the finished cable shall not exceed 10 mA when a 48 - 62 Hz essentially sinusoidal rms potential of 1500 V is applied as described in Clauses 7.6.2 and 7.6.3. The test potential shall be applied between all of the conductors and any shield(s) connected together and an earthed (grounded) metal foil that is in intimate contact with the centre 150 mm (6 in) of the outside surface of a specimen of any convenient length.

7.6.2 The apparatus shall consist of a circuit breaker, current meter, or other means of indicating an rms current of 10 mA flowing in the test circuit. The test potential shall be supplied by a transformer.

7.6.3 The applied rms potential shall be increased from near zero at an essentially uniform rate that results in 1500 V being applied in 30 s. The potential shall be held constant at 1500 V for 60 s and shall then be reduced to near zero at the rate mentioned above. The cable shall not be acceptable if the rms current through the jacket on the single specimen exceeds 10 mA at any time while the test potential is being increased, held, or decreased.

BSR/UL 1082, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances

23.3 A limiting-type device shall be a thermal cutoff, a single-operation thermostat, or a manual-reset thermostat where the reset means is inaccessible to the user without the use of tools.

23.3.1 A manually reset device of 23.3 shall be trip-free; that is, the automatic tripping shall be independent of the manipulation or position of the reset button, handle, lever, or the like. A manual reset control designated type M1 or M2 in accordance with the Standard for Temperature-Indicating and Regulating Equipment, UL 873, is considered to comply with these requirements. Compliance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series as a Type 2.H or Type 2.J action fulfills these requirements.

23.4 A single-operation thermostat or a manual-reset thermostat that is provided as the thermal limiting device of 23.3 shall comply with the applicable requirements in the Standard for Temperature-Indicating and Regulating Equipment, UL 873 for limiting controls. Compliance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills these requirements.

49.2.1 A thermostat shall be capable of withstanding an endurance test which shall consist of the minimum number of cycles indicated in Table 49.1. Unless it is specified that the test be made without load, the thermostat shall make and break the rated current of the appliance while connected to a circuit of rated voltage. There shall be neither electrical nor mechanical malfunction of the thermostat, nor undue burning, pitting, or welding of the contacts.

Table 49.1

Minimum Number of cycles of operation for endurance test

Type of thermostat	Automatically reset thermostat	Manually reset thermostat
Temperature regulating	A number of cycles equivalent to 1000 hours of intended operation of the appliance but not less than 6000 cycles. See footnote a) for exception.	6000 cycles under load. See footnote a) for exception. To be made the subject of special consideration.
	However, the test may be omitted if, with the thermostat short-circuited, no temperature higher than the limits given in Table 33.1 are attained during the normal-temperature test of the appliance.	
Temperature-limiting	A number of cycles equivalent to 100 hours of operation of the appliance under any condition which caused the thermostat to function, or 100,000 cycles, whichever is greater. See footnote b) for exception. However, the test may be omitted if, with the thermostat short-circuited, there is no evidence of risk of fire as described in 47.1.1 – 47.1.9 during the continuous abnormal operation of the appliance.	1000 cycles under load and 5000 cycles without load. See footnote b) for exception. However, the test may be omitted with the thermostat short-circuited, there is no evidence of risk of fire as described in 47.1.1 – 47.1.9 during continuous abnormal operation of the appliance.

Combination temperature-regulating and-limiting	100,000 cycles under load See footnote c) and d) for exception. If, with the thermostat short-circuited, there is evidence of risk of fire as described in 47.1.1 - 47.1.9. If there is no evidence of risk or fire under this condition, the thermostat is to be tested as a temperature-regulating thermostat (see above).	To be made the subject of special consideration. Each function of the thermostat shall be subjected to the following: Regulating: 1000 cycles under load and 5000 cycles without load. Limiting where the function may be reset by the user during normal operation, including dry operation: 100,000 cycles with load. See footnote e). Limiting per 23.3 where the thermostat and its reset means are inaccessible to the user without the use of tools and contacts are separate from the regulating function: 1000 cycles under load and 5000 cycles without load. See footnote f). See Notes c) and d) for exceptions.
a) The test may be omitted if, with the thermostat short-circuited, no temperature higher than the limits given in Table 33.1 are attained during the normal-temperature test of the appliance.		
b) The test may be omitted if, with the thermostat short-circuited, there is no evidence of risk of fire as described in 47.1.1 - 47.1.9 during the continuous abnormal operation of the appliance.		
c) If, with the regulating and limiting functions of the thermostat short-circuited, there is no evidence of risk of fire as described in 47.1.1 - 47.1.9, the thermostat is to be tested as a temperature-regulating thermostat.		
d) The test may be omitted if, with all functions the thermostat short-circuited, there is: <ol style="list-style-type: none"> 1) No temperature higher than the limits given in Table 33.1 are attained during the normal-temperature test of the appliance; and 2) No evidence of risk of fire as described in 47.1.1 - 47.1.9 during the continuous abnormal operation of the appliance. 		
e) The temperature sensing and mechanical reset assembly is permitted to be cycled a minimum 6,000 cycles provided the electrical contacts of the limiting function are cycled for a minimum 100,000 cycles.		
f) 100,000 cycles are required of the contacts if the regulating and limiting functions use common contacts. The individual functions for regulating and limiting, other than the contacts, are only required to be a minimum 6000 cycles each when contacts are shared.		

UL copyrighted material. Not to be used for further reproduction without prior permission from UL.

BSR/UL 6703, Standard for Safety for Connectors for Use in Photovoltaic Systems

1. Strain Relief Test Clarification

9.2.2.1 Each ~~conductor~~ cable exiting a PV connector (both male and female halves) shall be individually subjected to the Strain Relief Test as described in 9.2.2.2 and 9.2.2.3.

9.2.2.2 The ~~conductor~~ cable shall withstand for 1 min a force of 89 N (20 lb) applied in any direction permitted by the construction, without transfer of the force to the internal electrical connection, or damage to the conductor.

9.2.2.3 The internal connections within the PV connector shall be disconnected or otherwise made ineffective prior to the test. The strain relief is not acceptable if, at the point of exit of the conductors, there is such movement of the conductor as to indicate that stress on the internal connections would have resulted.

UL copyrighted material. Not authorized for further reproduction without express permission from UL.