

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	10
Final Actions	12
Project Initiation Notification System (PINS)	14
ANSI-Accredited Standards Developers Contact Information	20

International Standards

ISO and IEC Draft Standards	22
ISO and IEC Newly Published Standards	24
Registration of Organization Names in the U.S.	27
Proposed Foreign Government Regulations	27
Information Concerning	28

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: March 4, 2012

NSF (NSF International)

Revisions

- * BSR/NSF 40-201x (i25r2), Residential wastewater treatment systems (revision of ANSI/NSF 40-2010)

Issue 25 revision 2: Makes the language relating to failure sensing equipment in the wastewater standards consistent as well as updates it regarding the testing procedure. This revision incorporates comments received on revision 1.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 705-201x, Standard for Power Ventilators (revision of ANSI/UL 705-2011)

Adds the related component requirements to the body of UL 705.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

- * BSR/UL 1517-201x, Standard for Safety for Hybrid Personal Flotation Devices (revision of ANSI/UL 1517-2011)

Changes the quantity of cartridges required with a hybrid PFD.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to psa@ansi.org) to: Betty McKay, (919) 549-1896, betty.c.mckay@ul.com

BSR/UL 2238-201x, Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2011)

Covers the:

- (1) Addition of requirements for testing flag-type cord tags and wrap-around cord labels; and
- (2) Proposed revision to 7.4.1 to align with UL 2237 and UL 498 for RTI alternative path and RTI-impact values.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to psa@ansi.org) to: Megan VanHeirselee, (847) 664-2881, Megan.M.VanHeirselee@ul.com

Comment Deadline: March 19, 2012

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2009 TR06-42-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Provides the second public review on revisions to guidance under GMA G-192-14 regarding in-line inspection (ILI) tools. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR10-44-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Provides the second public review on revisions to guidance under 192.615 regarding notification of emergency officials. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR11-01-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Revises the guidance under 192.273 regarding the joining of compatible materials. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR11-02-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Revises the guidance under 192.163 regarding electrical installations. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR11-18-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Revises the guidance under 192.614 and GMA G-192-13 regarding DP cross references. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR11-20-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Revises the guidance under 192.1 regarding the standard's applicability to systems conveying toxic gases. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

BSR GPTC Z380.1-2009 TR11-42-200x, Guide for Gas Transmission and Distribution Piping Systems (addenda to ANSI/GPTC Z380.1-2009)

Revises the guidance under 192.921 regarding the disadvantages of ILI for baseline assessment. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

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

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

Addenda

BSR/ASHRAE Addendum 15g-201x, Safety Standard for Refrigeration Systems (addenda to)

Modifies and clarifies the requirements for discharge of pressure relief devices, including where refrigerant may be safely discharged in the event of a release.

Single copy price: \$35.00

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31.3-2010, Process Piping (revision of ANSI/ASME B31.3-2010)

Creates rules for the Process Piping Code Section B31.3 to consider piping typically found in petroleum refineries; chemical, pharmaceutical, textile, paper, semiconductor, and cryogenic plants; and related processing plants and terminals.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Riad Mohamed, (212) 591-8460, MohamedR@asme.org

BSR/ASME B31.3-2010, Process Piping (revision of ANSI/ASME B31.3-2010)

Creates rules for the Process Piping Code Section B31.3 to consider piping typically found in petroleum refineries; chemical, pharmaceutical, textile, paper, semiconductor, and cryogenic plants; and related processing plants and terminals.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Riad Mohamed, (212) 591-8460, MohamedR@asme.org

BSR/ASME BPVC Section XII-201x, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Revision: 2010)

Provides requirements for construction and continued service of pressure vessels for the transportation of dangerous goods via highway, rail, air, or water.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Daniel Sharp, (212) 591-8538, sharpd@asme.org

ASQ (American Society for Quality)

New Standards

BSR/ASQ S1-201x, An attribute skip-lot sampling program (new standard)

Defines a generic attribute skip-lot sampling program. The purpose of this publication is to provide procedures, for reducing the inspection effort on products submitted by those suppliers who have demonstrated their ability to control, in an effective manner, all facets of quality and who consistently produce lots which meet requirements. Inspection may take place at the supplier's or purchaser's locations or at an interface between operations of a production process. The skip-lot procedures are designed to be used with the attribute lot-by-lot plans described in ANSI/ASQ Z1.4.

Single copy price: \$56.00

Obtain an electronic copy from: standards@asq.org

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

Send comments (with copy to psa@ansi.org) to: Jennifer Admussen, (414) 272-8575, standards@asq.org

BSR/ASQ S3-200x, An attribute chain sampling program (new standard)

Describes the process of chain sampling, the theory, applications, plans for use, operating (performance) characteristics, and the utility of chain sampling as compared to single sampling via the operating characteristics. The purpose of this standard is to provide the procedures for a collection of sample sizes as well as to present the static operating characteristics for the plans presented, for use of the chain sampling technique.

Single copy price: \$56.00

Obtain an electronic copy from: standards@asq.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

BSR ATIS 1000019-2007 (R201x), Network to Network Interface (NNI) Standard for Signaling and Control Security for Evolving VoP Multimedia Networks (reaffirmation of ANSI ATIS 1000019-2007)

Specifies Voice over Packet and Multimedia signaling and control plane security requirements for evolving networks.

Single copy price: \$96.00

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

BSR ATIS 1000608-2000 (R201x), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (reaffirmation of ANSI ATIS 1000608-2000 (R2009))

Provides a set of requirements for user-network signaling for ISDN support of packetized data transfer, while conforming, wherever possible, with the I-Series Recommendations of the International Telegraph and Telephone Consultative Committee (CCITT), and while not compromising the principles of evolution expressed therein.

Single copy price: \$300.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000608.a-1992 (R201x), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (Terminal Initialization Procedures for Packet-Mode Data) (reaffirmation of ANSI ATIS 1000608.a-1992 (R2007))

Supplements ATIS 1000608.1991 (R2007) (formerly known as T1.608a-1992 (R2007)).

Single copy price: \$55.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000613-1991 (R201x), Integrated Services Digital Network (ISDN) - Call Waiting Supplementary Service (reaffirmation of ANSI ATIS 1000613-1991 (R2007))

Defines and describes supplementary services within the context of an Integrated Services Digital Network (ISDN). The purpose of the standard is to allow maximum compatibility among network- and user-owned telecommunication equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

Single copy price: \$130.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000614-1991 (R201x), Integrated Services Digital Network (ISDN) - Packet Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000614-1991 (R2007))

Describes the principles for defining Integrated Services Digital Network (ISDN)-based telecommunication services including the concept of bearer services, teleservices, and supplementary services. This standard also provides the means for the definition and description of such services.

Single copy price: \$55.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000619.a-1994 (R201x), Integrated Services Digital Network (ISDN) - Multi-Level Precedence and Preemption (MLPP) Service Capability (MLPP Service Domain and Cause Value Changes) (reaffirmation of ANSI ATIS 1000619.a-1994 (R2007))

Revises the standard so that the exchange-to-exchange signaling is consistent with ITU-T Recommendations Q.955.3 (1993) and Q.735.3 (1993), which were approved after the publication of ANSI ATIS 1000619.1992 (R2005).

Single copy price: \$55.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000620-1991 (R201x), Integrated Services Digital Network (ISDN) - Circuit-Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000620-1991 (R2007))

Explains the ISDN Circuit-Mode bearer services from the user's perspective.

Single copy price: \$100.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000641.a-2002 (R201x), Supplement to Calling Name Identification Presentation (reaffirmation of ANSI ATIS 1000641.a-2002 (R2007))

Revises ANSI ATIS 1000641.1995 (R2009) to address certain regulation that need to be considered by the service provider based on the FCC's orders that were issued as a result of FCC Docket No.91-281, "Rules and Policies Regarding Calling Number Identification Service - Caller ID".

Single copy price: \$55.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000667-2002 (R201x), Intelligent Network (reaffirmation of ANSI ATIS 1000667-2002 (R2007))

Establishes an architectural framework in which the model of the Intelligent Network (IN) is defined. The architecture is intended to provide the flexibility to support a wide range of services and facilitates the evolution of future IN functional capabilities through its evolvable, modular structure to achieve service independence.

Single copy price: \$595.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000673-2002 (R201x), Bearer Independent Call Control (BICC) Capability Set 1+ (CS1+) (reaffirmation of ANSI ATIS 1000673-2002 (R2007))

Describes the adaptation of the narrowband ISDN User Part (ISUP) for the support of narrowband ISDN services independent to the bearer technology and signaling message transport technology used.

Single copy price: \$425.00

Obtain an electronic copy from: kconn@atis.org

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

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

BSR ATIS 1000674-2002 (R201x), BICC CS1+: Signaling Transport Converters (STCs) (reaffirmation of ANSI ATIS 1000674-2002 (R2007))

Describes the generic signaling transport that can be deployed by means of signaling transport converters (STCs) over a range of signaling transport protocol stacks. This standard also specifies the STC for MTP3, and the STC for SSCOP and SSCOPMCE.

Single copy price: \$160.00

Obtain an electronic copy from: kconn@atis.org

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

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

AWWA (American Water Works Association)**New Standards**

BSR/AWWA D121-201x, Bolted Aboveground Thermosetting Fiberglass-Reinforced Plastic Panel-Type Tanks for Water Storage (new standard)

Describes the design, fabrication, installation, inspection, and testing of bolted above-ground thermoset fiberglass-reinforced plastic (FRP) panel-type tanks for potable water. Requirements for the fabrication, handling, construction, and testing of FRP panels, concrete and steel foundation structure, and accessories are included.

Single copy price: \$20.00

Obtain an electronic copy from: standards@awwa.org

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

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

Revisions

BSR/AWWA B200-201x, Sodium Chloride (revision of ANSI/AWWA B200-2007)

Describes sodium chloride in the form of rock, vacuum-granulated, compressed vacuum-granulated, solar, or compressed solar salt for use in the recharging of cation-exchange materials in water supply service for softening municipal and industrial potable water, wastewater and reclaimed water supplies. Additionally, sodium chloride is used in the recharging of anion-exchange materials for nitrate removal or dealkalization of municipal and industrial supplies.

Single copy price: \$20.00

Obtain an electronic copy from: standards@awwa.org

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

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

BSR/AWWA B604-201x, Granular Activated Carbon (revision of ANSI/AWWA B604-2005)

Describes virgin granular and extruded activated carbons for use as a filter medium and adsorbent in water treatment. This standard involves the selection, placement, and use of granular activated carbon (GAC) in filter adsorbers where the GAC must function as filter medium and adsorbent, as well as those systems where the primary function is adsorption.

Single copy price: \$20.00

Obtain an electronic copy from: standards@awwa.org

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

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

BOMA (Building Owners and Managers Association)**New Standards**

BSR/BOMA Z65.6-201x, Mixed-Use Properties: Standard Methods of Measurement (new standard)

Applies to properties containing two or more use components, including, but not limited to, office, retail, industrial, single and multi-unit residential, hospitality, entertainment, civic and institutional buildings, both private and public. The regulations in this standard can be applied to both new and existing properties containing single or multiple floors or buildings, and properties that are either owner occupied or leased to single or multiple tenants. They are not intended for application to site improvements other than buildings, and do not address the measurement of spatial volume.

Single copy price: \$40.00

Obtain an electronic copy from: dtyree@boma.org

Order from: David Tyree, (202) 326-6357, dtyree@boma.org

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

CSA (CSA America, Inc.)**New Standards**

BSR/CSA HGV 4.1-201x, Hydrogen Dispensing Systems (new standard)

Details mechanical and electrical features and construction of newly manufactured systems that dispense hydrogen gas for vehicles, intended primarily to dispense fuel directly into the vehicle fuel storage container. Each dispenser may have the capability of independently fueling more than one vehicle simultaneously.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

BSR/CSA HGV 4.2-201x, Hoses for Compressed Hydrogen Fuel Stations, Dispensers, and Vehicle Fuel Systems (new standard)

Contains safety requirements for the material, design, manufacture, and testing of gaseous hydrogen hose and hose assemblies that are
(1) used as a part of the dispensing station to connect the dispenser to the refueling nozzle;
(2) used as part of a vehicle on-board fuel system; or
(3) used as vent lines that carry gas to a safe location for either vehicles or dispensing systems.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

Revisions

- * BSR Z21.47-201x, Gas-Fired Central Furnaces (same as CSA 2.3) (revision of ANSI Z21.47-2006 (R2011); ANSI Z21.47a-2007 (R2011); ANSI Z21.47b-2008 (R2011))

Applies to automatically operating gas-fired central furnaces for installation in residential, commercial, and industrial structures including furnaces for direct vent, recreational vehicle, outdoor, and manufactured (mobile) homes. These furnaces may include a cooling unit.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

Reaffirmations

BSR NGV 4.8/CSA 12.8-2002 (R201x), Natural Gas Fueling Station Reciprocating Compressor Guidelines (reaffirmation of ANSI NGV4.8/CSA 12.8-2002)

Describes the general requirements for compressor packages containing reciprocating compressors used in compressed-natural-gas fueling station service. This standard applies to compressor designs referenced in Part 2 (Compressor). Coverage for other compressor designs can be provided at an appropriate time.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

- * BSR/IAS/AGA NGV1-2005 (R201x), Basic Requirements for Compressed Natural Gas Vehicle Fueling Connection Devices (reaffirmation of ANSI/IAS/AGA NGV1-2005)

Details construction and performance criteria for natural gas vehicle fueling connection devices consisting of:

- (1) a receptacle and protective dust cap (mounted vehicle);
- (2) a nozzle (mounted on fueling dispenser); and/or
- (3) a three-way valve (internal or external to the nozzle) and having a service pressure of 16 500 kPa (2400 psi), 20 700 kPa (3000 psi), or 24 800 kPa (3600 psi).

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

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

ISA (ISA)**New National Adoptions**

BSR/ISA 61010-1 (82.02.01)-201x, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (national adoption with modifications and revision of ANSI/ISA 61010-1-2008)

Specifies general safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used:

- (a) Electrical test and measurement equipment;
- (b) Electrical industrial process-control equipment; and
- (c) Electrical laboratory equipment.

Single copy price: \$300.00

Obtain an electronic copy from: ebrazda@isa.org

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

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

MHI (ASC MHC) (Material Handling Industry)**Reaffirmations**

BSR MH10.8.3-2002 (R201x), Material Handling - Syntax for High Capacity ADC Media (reaffirmation of ANSI MH10.8.3-2002)

Specifies a transfer structure, syntax, and coding of messages and data formats when using high-capacity ADC media between trading partners, specifically between suppliers and recipients, and where applicable, in support of carrier applications, such as bills of lading and carrier sortation and tracking.

Single copy price: \$5.00

Obtain an electronic copy from: mogle@mhia.org

Order from: Michael Ogle, (704) 676-1190, mogle@mhia.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revisions**

BSR/NEMA HP 4-201x, Electrical and Electronic FEP (Fluorinated Ethylene Propylene) Insulated High Temperature Hook-Up Wire, Types KT (250 Volt) and KK (1000 Volt) (revision of ANSI/NEMA HP 4-2000)

Covers specific requirements for FEP (Fluorinated Ethylene Propylene) insulated solid and stranded wire, designed for the internal wiring of high reliability electrical and electronic equipment. This Standards Publication addresses 250-volt (Type KT), 600-volt (Type K), and 1000-volt (Type KK) wire and permits continuous conductor temperature ratings of -65 C to +200 C with silver-coated or nickel-coated conductors and -65 C to +150 C with tin-coated conductors.

Single copy price: \$49.00

Obtain an electronic copy from: <http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/HP%204-2011/HP4-2011.pdf>

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

NSF (NSF International)**Revisions**

- * BSR/NSF 42-201x (i74), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2010)

Incorporates a test protocol to evaluate personal hand-held mouth-drawn DWTUs under all applicable sections of elective performance claims methods under section 7 of ANSI/NSF 42 and ANSI/NSF 53 to address mouth-drawn drinking-water treatment units.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/16042/Combined%2053i79r5%20et%20al%20&%20JC%20memo.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

- * BSR/NSF 53-201x (i79), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2011)

Incorporates a test protocol to evaluate personal hand-held mouth-drawn DWTUs under all applicable sections of elective performance claims methods under section 7 of ANSI/NSF 42 and ANSI/NSF 53 to address mouth-drawn drinking-water treatment units.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/16042/Combined%2053i79r5%20et%20al%20&%20JC%20memo.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

TCNA (ASC A108) (Tile Council of North America)**Revisions**

- * BSR A137.1-201x, Specifications for Ceramic Tile (revision of ANSI A137.1-2008)

Serves as a reference standard for buyers and specifiers of standard-grade and second-grade ceramic tile, decorative tile, and specialty tile. These specifications are also a guide to producers in maintaining quality control of the manufacture of such ceramic tile.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

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

BSR/UL 1066-201x, Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures (new standard)

Covers the following low-voltage ac power circuit breakers:

- stationary-mounted or drawout-mounted types;
- 2-pole and 3-pole constructions;
- manually operated or power operated; and
- with or without electromechanical- or solid-state-type trip device.

These requirements apply to general-purpose low-voltage dc power circuit breakers. These requirements are intended to supplement and be used in conjunction with IEEE C37.13, C37.14, C37.20.1, ANSI C37.50, and ANSI C37.51. These requirements cover equipment rated 600 V or less nominal, 635 V maximum ac, and 300 V maximum dc.

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: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

BSR/UL 3730-201x, Standard for Photovoltaic Junction Boxes (new standard)

Covers photovoltaic junction boxes intended to be attached to photovoltaic modules and panels. In addition, these requirements cover photovoltaic junction boxes intended for factory and field wiring and may include conduit openings, wiring leads, and/or photovoltaic connectors intended for interconnection of PV modules. The products covered by these requirements are intended to be installed in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70.

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

Revisions

BSR/UL 142-201x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2010a)

See [page 9](#) for Scope.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

BSR/UL 746E-201x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards (revision of ANSI/UL 746E-2010)

The following changes to UL 746E are being proposed:

- (a) Revise requirements for testing conditions described in Paragraph 4.2;
- (b) Add new ANSI/UL grades that are similar to FR-4; and
- (c) Revise requirements for the Bond Strength Delamination and Blistering Test.

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: Derrick Martin, (408) 754-6656, Derrick.L.Martin@ul.com

Comment Deadline: April 3, 2012

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

ASME (American Society of Mechanical Engineers)**Reaffirmations**

BSR/ASME PTC 19.22-2007 (R201x), Data Acquisition Systems (reaffirmation of ANSI/ASME PTC 19.22-2007)

Addresses stand-alone data acquisition systems, typified by a sensor with an integral digital display, data acquisition systems that link multiple sensors to a common digital processor tied to a computer or printer, and systems that link multiple digital processors to one or more stand-alone or networked computers. This Code incorporates instrumentation practices covered by other Instruments and Apparatus Supplements (PTC 19 Series) as well as by the equipment Performance Test Codes. It also provides a means to determine the uncertainty associated with the data acquisition system, and its impact on the overall uncertainty of the performance test.

Single copy price: \$105.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>.

Send comments (with copy to psa@ansi.org) to: Ryan Crane, (212) 591-7004, craner@asme.org

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

BSR/UL 2218-201x, Standard for Safety for Impact Resistance of Prepared Roof Covering Materials (new standard)

Covers:

- (1) Clarification of preparation of samples for UL 2218 Impact Tests; and
- (2) First-time ANSI approval of UL 2218.

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: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

BSR/UL 2344-201x, Standard for Safety for Material Lifts (new standard)

Covers manually, electrically, and pneumatically powered lifts. They are intended for the lifting and transport of materials and not for the movement or support of people. They are rated 250 volts or less, to be employed in nonhazardous environmental locations in accordance with the National Electrical Code, NFPA 70.

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: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

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:

ATIS (Alliance for Telecommunications Industry Solutions)

BSR T1.328-2001 (R200x), Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard)
(reaffirmation of ANSI T1.328-2001)

BSR/UL 142-201x, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2010a)

The following is being proposed:

- (1) Production Test revision;
- (2) Revising capacities and dimensions of vertical tanks;
- (3) Deletion of manhole requirement;
- (4) Manway construction revisions;
- (5) Revision for venting;
- (6) Revision of welding of hot well;
- (7) Deletion of markings for certain tanks;
- (8) Revision of performance and manufacturing tests;
- (9) Sump requirements;
- (10) Revision of interstitial opening requirements;
- (11) Revise Figure 40.1;
- (12) Revising pipe connection figures for clarity and efficiency;
- (13) Revise Table 13.4;
- (14) Revisions for emergency venting;
- (15) Revisions for tank venting;
- (16) New section for accessories;
- (17) Revising shell manholes;
- (18) Revise table 9.4; and
- (19) Revisions for vertical tank construction.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electric copy from: <http://www.comm-2000.com>

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 8637-201x/DAM1, Hemodialyzers, haemodiafilters, haemofilters and haemoconcentrators. Amendment 1: Revision to Figure 2 - Main fitting dimensions of dialysis fluid inlet and outlet ports (identical national adoption of ISO 8637:2010/DAM1)

ASQ (American Society for Quality)

Office: 600 N Plankinton Ave
Milwaukee, WI 53201

Contact: *Jennifer Admussen*

Phone: (800) 248-1946

Fax: (414) 272-1734

E-mail: jadmussen@asq.org

BSR/ASQ S1-201x, An attribute skip-lot sampling program (new standard)

BSR/ASQ S3-201x, An attribute chain sampling program (new standard)

BOMA (Building Owners and Managers Association)

Office: 1101 15th Street, NW, Suite 800
Washington, DC 20005

Contact: *David Tyree*

Phone: (202) 326-6357

Fax: (202) 326-6377

E-mail: dtyree@boma.org

BSR/BOMA Z65.6-201x, Mixed-Use Properties: Standard Methods of Measurement (new standard)

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Phone: (919) 990-9213

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 5.06.01-201x, Functional Requirements Documentation for Control Software Applications (revision of ANSI/ISA 5.06.01-2007)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Phone: (407) 380-1553

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR/Z136.7-201x, American National Standard for Testing and Labeling of Laser Protective Equipment (revision of ANSI Z136.7-2008)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Michael Johnston*

Phone: (301) 215-4521

Fax: (301) 215-4500

E-mail: am2@necanet.org

BSR/NECA 781-201x, Recommended Practices for Lightning Protection System Installation and Maintenance (new standard)

OPEI (Outdoor Power Equipment Institute)

Office: 1400 K Street, NW, Suite 900
Washington, DC 20005

Contact: *Daniel Mustico*

Phone: (202) 682-4866

Fax: (202) 682-4810

E-mail: dan@rma.org

BSR/OPEI B71.3-201x, Snow Throwers - Safety Specifications (revision and redesignation of ANSI B71.3-2005)

BSR/OPEI B71.8-201x, Outdoor Power Equipment - Walk-Behind Powered Rotary Tillers and Hand Supported Cultivators - Safety Specifications (revision of ANSI/OPEI B71.8-1996 (R2005))

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 41.691-E-201x, Mobile Application Part (MAP) Procedure Annexes (new standard)

Final actions on American National Standards

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

ACCA (Air Conditioning Contractors of America)

New Standards

ANSI/ACCA 12 QH-2011, Existing Homes Evaluation and Performance Improvement (previously designated ACCA 12 EHEPI) (new standard): 1/31/2012

AISC (American Institute of Steel Construction)

Revisions

ANSI/AISC N690-2012, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision of ANSI/AISC N690-2006): 1/31/2012

AMCA (Air Movement and Control Association)

Reaffirmations

ANSI/AMCA 610-2006 (R2012), Laboratory Methods of Testing Airflow Measurement Stations for Performance Rating (reaffirmation of ANSI/AMCA 610-2006): 1/26/2012

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

ANSI/ASAE EP364.3-2006 (R2012), Installation and Maintenance of Farm Standby Electric Power (reaffirmation of ANSI/ASAE EP364.3-2006): 1/26/2012

ANSI/ASAE S521-FEB93 (R2011), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-FEB93 (R2007)): 1/26/2012

ASIS (ASIS International)

New Standards

ANSI ASIS SPC.4-2012, Maturity Model for the Phased Implementation of the Organizational Resilience Management System (new standard): 2/2/2012

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

New Standards

ANSI/ASSE Z359.14-2012, Safety Requirements for Self-Retracting Devices For Personal Fall Arrest and Rescue Systems (new standard): 1/26/2012

ATCC (American Type Culture Collection)

New Standards

ANSI/ATCC ASN-0002-2011, Authentication of Human Cell Lines: Standardization of STR Profiling (new standard): 1/25/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Addenda

ANSI ATIS 0600020.a-2012, Pb-Free Circuit Pack Testing Waive Conditions (addenda to ANSI ATIS 0600020-2010): 1/26/2012

BIFMA (Business and Institutional Furniture Manufacturers Association)

Revisions

ANSI/BIFMA X5.4-2012, Lounge and Public Seating - Tests (revision of ANSI/BIFMA X5.4-2005): 1/26/2012

CEMA (Conveyer Equipment Manufacturers Association)

Revisions

ANSI/CEMA 102-2012, Conveyor Terms and Definitions (revision of ANSI/CEMA 102-2006): 1/31/2012

CSA (CSA America, Inc.)

Reaffirmations

- * ANSI Z21.56-2005 (R2012) Add A & Add B, Standard for Gas-Fired Pool Heaters (same as CSA 4.7) (reaffirmation of ANSI Z21.56-2005, ANSI Z21.56a-2008, ANSI Z21.56b-2011): 2/2/2012
- * ANSI Z21.71-1993 (R2012) and ANSI Z21.71a-2004 (R2012), Automatic Intermittent Pilot Ignition Systems for Field Installation (reaffirmation of ANSI Z21.71-1993 (R2007), and ANSI Z21.71a-2004 (R2007)): 2/2/2012
- * ANSI Z21.87-2005 (R2011) and Add A, Standard for Automatic Gas Shutoff Devices for Hot Water Supply Systems (same as CSA 4.6) (reaffirmation of ANSI Z21.87-2007, ANSI Z21.87a-2010): 2/2/2012
- * ANSI Z21.92-2001 (R2012), Add A, and Add B, Manually Operated Electric Gas Ignition Systems and Components (same as CSA 6.29, 6.29a, and 6.29b) (reaffirmation of ANSI Z21.92-2001 (R2007), and ANSI Z21.92a-2005 (R2007), ANSI Z21.92b-2010): 2/2/2012
- * ANSI/CSA LC 4-2007 (R2012), Standard for Press-Connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distribution Systems (same as CSA 6.32) (reaffirmation of ANSI/CSA LC 4-2007): 2/2/2012

Revisions

ANSI FC 1-2012, Stationary Fuel Cell Power Systems (revision of ANSI/CSA America FC 1-2004 (R2009)): 1/24/2012

HL7 (Health Level Seven)

ANSI/HL7 V3 ICSR1, R2-2012, HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report - Part 1: The Framework for Adverse Event Reporting, R2 (revise and partition ANSI/HL7 V3 RRCS, R1-2005): 1/31/2012

ANSI/HL7 V3 ICSR2, R2-2012, HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report - Part 2: Human Pharmaceutical Reporting Requirements for ICSR, R2 (revise and partition ANSI/HL7 V3 RRCS, R1-2005): 1/31/2012

ISA (ISA)

New National Adoptions

ANSI/ISA 62381-2012, Automation Systems in the Process Industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (national adoption with modifications of ISO 62381): 1/31/2012

KCMA (Kitchen Cabinet Manufacturers Association)**Revisions**

- * ANSI/KCMA A161.1-2012, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-2000 (R2005)): 1/27/2012

NCEES (National Council of Examiners for Engineering and Surveying)**New Standards**

ANSI/DS-1; NCEES MLSE 3-2009, Standards of Licensure as a Model Law Structural Engineer (new standard): 1/24/2012

NCPDP (National Council for Prescription Drug Programs)**Revisions**

ANSI/NCPDP TC vD.9-2012, NCPDP Telecommunication Standard Implementation Guide D.9 201x (revision and redesignation of ANSI/NCPDP TC vD.8-2011): 1/26/2012

NEMA (ASC C136) (National Electrical Manufacturers Association)**Revisions**

ANSI C136.29-2011, Roadway and Area Lighting Equipment - Metal Halide Lamps - Guide for Selection (revision of ANSI C136.29-2007): 1/31/2012

NEMA (ASC C37) (National Electrical Manufacturers Association)**Revisions**

ANSI C37.50-2012, Low Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (revision of ANSI C37.50-2010): 1/31/2012

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revisions**

ANSI ICEA S-92-675-2011, Standard for Coaxial and Coaxial/Twisted Pair Composite Aerial Service Wires Technical Requirements (revision of ANSI/ICEA S-92-675-2005): 1/31/2012

NSF (NSF International)**Revisions**

- * ANSI/NSF 305-2011 (i9), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011): 10/11/2011
- * ANSI/NSF 305-2011 (i10), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011): 12/19/2011

SCTE (Society of Cable Telecommunications Engineers)**Revisions**

ANSI/SCTE 12-2011, Test Method for Center Conductor Bond to Dielectric for Trunk, Feeder and Distribution Coaxial Cables (revision of ANSI/SCTE 12-2001 (R2006)): 1/31/2012

TechAmerica**New Standards**

ANSI/TECHAMERICA STD-0016-2012, Standard for Preparing a DMSMS Management Plan (new standard): 1/24/2012

UL (Underwriters Laboratories, Inc.)**New National Adoptions**

- * ANSI/UL 60065-2012, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption with modifications and revision of ANSI/UL 60065-2007): 1/25/2012
- ANSI/UL 61215-2012, Standard for Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval (identical national adoption of IEC 61215): 1/25/2012
- ANSI/UL 62108-2012, Standard for Concentrator Photovoltaic (CPV) Modules and Assemblies - Design Qualification and Type Approval (identical national adoption of IEC 62108): 1/25/2012

Reaffirmations

- ANSI/UL 101-2002 (R2012), Standard for Safety for Leakage Current for Appliances (reaffirmation of ANSI/UL 101-2002 (R2007)): 1/24/2012
- ANSI/UL 823-2007 (R2012), Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations (Proposal bulletin dated 12-02-11) (reaffirmation of ANSI/UL 823-2007): 1/31/2012
- ANSI/UL 1323-2007 (R2012), Standard for Safety for Scaffold Hoists (reaffirmation of ANSI/UL 1323-2007): 1/25/2012
- ANSI/UL 60950-21-2007 (R2012), Standard for Safety for Information Technology Equipment - Safety - Part 21: Remote Power Feeding (reaffirmation of ANSI/UL 60950-21-2007): 1/31/2012
- ANSI/UL 60950-23-2007 (R2012), Standard for Safety for Information Technology Equipment - Safety - Part 23: Large Data Storage Equipment (reaffirmation of ANSI/UL 60950-23-2007): 1/31/2012

Revisions

- * ANSI/UL 94-2012, Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2011): 1/30/2012
- * ANSI/UL 1026-2012, Standard for Safety for Electric Household Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2009): 1/25/2012
- ANSI/UL 1310-2012, Standard for Safety for Class 2 Power Units (Proposal dated 11-25-11) (revision of ANSI/UL 1310-2011): 1/24/2012
- * ANSI/UL 1574-2012, Standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2011): 1/25/2012

Correction**Incorrect Designation****ANSI/UL 1046**

In the Final Actions Section of the January 20, 2012 issue of Standards Action, the designation of ANSI/UL 1046 had the incorrect year of approval. The correct designation is ANSI/UL 1046-2012.

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 8637-201x/DAM1, Haemodialyzers, haemodiafilters, haemofilters and haemoconcentrators - Amendment 1: Revision to Figure 2 - Main fitting dimensions of dialysis fluid inlet and outlet ports (identical national adoption of ISO 8637:2010/DAM1)

Stakeholders: Dialysis equipment manufacturers and users.

Project Need: To clarify the intent of certain dimensions shown in Figure 2.

Revises Figure 2 - Dimensions of dialysis fluid inlet and outlet ports of hemodialyzers and hemodiafilters.

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678

Contact: *Sharon Stanford*

Fax: (312) 440-2529

E-mail: stanfords@ada.org; bralowerp@ada.org; medick@ada.org

BSR/ADA 1058-201x, Forensic Dental Data Set (revision of ANSI/ADA 1058-2010)

Stakeholders: Forensics specialists, forensics identification data system vendors.

Project Need: To be revised to address requests for additional codes to be added.

Develops uniform nomenclature for the description of forensic dental data and defines a standardized set of uniform terms to convey this information.

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 1320 (I-P)-201x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets for Use with Secondary Refrigerants (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users. The values reported using this standard allow

comparison of energy consumption within each of the following product categories: Remote Commercial Refrigerated Display Merchandisers, Remote Commercial Refrigerated Storage Cabinets and Self-contained Commercial Refrigerated Display Merchandisers.

Project Need: To establish for Commercial Refrigerated Display Merchandisers and Storage Cabinets that use secondary refrigerants: definitions; test requirements; rating requirements; symbols and subscripts; minimum data requirements for Published Ratings; marking and nameplate data and conformance conditions.

Applies to the following Commercial Refrigerated Display Merchandisers and Storage Cabinets, provided that the cases are equipped and designed to work with electrically driven, medium-temperature, single-phase secondary coolant systems:

- Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets; and
- Open and Closed Commercial Refrigerated Display Merchandisers.

BSR/AHRI Standard 1321 (SI)-201x, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets for Use with Secondary Refrigerants (new standard)
 Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users. The values reported using this standard allow comparison of energy consumption within each of the following product categories: Remote Commercial Refrigerated Display Merchandisers, Remote Commercial Refrigerated Storage Cabinets and Self-contained Commercial Refrigerated Display Merchandisers.

Project Need: To establish for Commercial Refrigerated Display Merchandisers and Storage Cabinets that use secondary refrigerants: definitions; test requirements; rating requirements; symbols and subscripts; minimum data requirements for Published Ratings; marking and nameplate data and conformance conditions.

Applies to the following Commercial Refrigerated Display Merchandisers and Storage Cabinets, provided that the cases are equipped and designed to work with electrically driven, medium-temperature, single-phase secondary coolant systems:

- Remote Commercial Refrigerated Display Merchandisers and Storage Cabinets; and
- Open and Closed Commercial Refrigerated Display Merchandisers.

APCO (Association of Public-Safety Communications Officials-International)

Office: 351 N. Williamson Boulevard
Daytona Beach, FL 32114

Contact: *Crystal McDuffie*

Fax: (386) 322-2501

E-mail: mcduffiec@apointl.org

BSR/APCO 1.110.1-201x, Unified Computer Aided Dispatch Functional Requirements (UCADFR) (new standard)

Stakeholders: Public Safety Communications users, producers and general interest

Project Need: To provide public safety communications centers with a tool to assist them in planning and preparing the request for proposal (RFP) accurately to meet the needs of their center.

Provides a detailed, comprehensive, and unified list of functional requirements for CAD systems that may be used by public safety communications centers to assist with the Request for Proposal (RFP) Process. Each CAD function will be identified along with a visual flag to indicate what service(s) (law enforcement, fire, EMS) the function applies to. Sample requirements for each function will be provided that can be incorporated in a RFP when a public safety communications center has a need to conduct a solicitation for a new CAD system.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

BSR/X9.121-201x, Balance and Transaction Reporting Standard (new standard)

Stakeholders: Financial institutions, corporations, industry associations and vendors from financial institutions.

Project Need: To update BAI codes and to create a formal cash reporting standard.

Establishes a common format for exchanging cash management account data. By establishing an efficient mechanism for communication among multiple parties, the standard facilitates complete, accurate, and timely information reporting, and helps reduce the cost of providing this service.

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 1000050-201x, NGN Operator Intercept Service (new standard)

Stakeholders: Communications Industry

Project Need: To describe Next Generation Network (NGN) signaling support for Operator Regular Intercept.

Covers: (1) SIP signaling for a call reaching an intercepted number in the NGN where all or part of the Intercept Service is provided by the Application Server associated with other terminating services for this destination; and (2) SIP signaling for a call to an intercepted number in the NGN that is directed toward an application in the NGN, or in another NGN, which provides the Intercept Service.

AWS (American Welding Society)

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Contact: *Rosalinda O'Neill*

Fax: (305) 443-5951

E-mail: roneill@aws.org

BSR/AWS A5.24/A5.24M-201x, Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.24/A5.24M-2004)

Stakeholders: Welding Industry

Project Need: To prescribe the requirements for classification of zirconium and zirconium alloy electrodes and rods for GTA, GMA, and PA arc welding.

Prescribes requirements for the classification of zirconium and zirconium-alloy electrodes and rods for gas tungsten arc, gas metal arc, and plasma arc welding.

BSR/AWS D8.8M-201x, Specification for Automotive Weld Quality Arc Welding of Steel (revision of ANSI/AWS D8.8M-2007)

Stakeholders: Automotive

Project Need: Currently, the document exists in the fourth edition. A fifth edition needs to be created, as substantive comments stemmed from the recent fourth edition reaffirmation ballot.

Provides the minimum quality requirements for arc welding of various types of automotive and light truck components. This specification covers the arc and hybrid arc welding of coated and uncoated steels.

AWWA (American Water Works Association)

Office: 6666 W. Quincy Ave.
Denver, CO 80235

Contact: *Paul Olson*

Fax: (303) 795-6303

E-mail: polson@awwa.org

BSR/AWWA GWCL-201x, Water Loss Control Programs (new standard)

Stakeholders: Drinking water treatment and supply industry. Water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: To define the best water loss-control programs for water and reuse utilities.

Defines best practices for water and reuse utility water loss programs, including operation and management.

CSA (CSA America, Inc.)

Office: 8501 E. Pleasant Valley Rd.
Cleveland, OH 44131

Contact: *Cathy Rake*

Fax: (216) 520-8979

E-mail: cathy.rake@csa-america.org

BSR Z21.11.2a-201x, Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (revision of ANSI Z21.11.2-2011)

Stakeholders: Manufacturers, utilities, consumers, testing agencies
Project Need: To update and revise the text.

Details test and examination criteria for unvented heaters for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. Such heaters are limited to maximum input ratings of 40,000 Btu/hr.

BSR/CSA HGV 4.4-201x, Breakaway Devices for Compressed Hydrogen Dispensing Hoses and Systems (new standard)

Stakeholders: Consumers, Manufacturers, Gas suppliers, Certification Agencies

Project Need: Safety

Contains safety requirements for the design, manufacture and testing of fueling hose breakaway devices for use in hydrogen gas fueling applications. This standard applies to newly manufactured devices.

BSR/CSA HGV 4.5-201x, Priority and Sequencing Equipment for Hydrogen Vehicle Fueling (new standard)

Stakeholders: Consumers, Manufacturers, Gas suppliers, Certification Agencies

Project Need: Safety

Contains requirements for priority and sequencing equipment, which is part of a hydrogen-gas-vehicle fueling system. This standard applies to newly manufactured devices.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 5.06.01-201x, Functional Requirements Documentation for Control Software Applications (revision of ANSI/ISA 5.06.01-2007)

Stakeholders: All manufacturing and industrial processing sectors.

Project Need: To update the current standard to reflect feedback on the document and changes in technology.

Establishes control software documentation requirements for that class of industrial automation equipment and systems consisting of distributed control systems, programmable controllers, and industrial personal computers. This standard provides techniques for documenting control system software, and establishes a basis for validation of run-time application software after it is developed and tested to ensure that the initial requirement specification has been met.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Ellen Fussell Policastro*

Fax: (919) 549-8288

E-mail: efussell@isa.org

BSR/ISA 77.44.01-201x, Fossil Fuel Power Plant-Steam Temperature Controls (revision of ANSI/ISA 77.44.01-2007)

Stakeholders: Fossil fuel plants

Project Need: To revise the current 2007 document. The purpose is to establish the minimum requirements for the functional design specification of steam temperature control systems for drum-type and once-through-type fossil fuel power plant boilers.

Addresses the major steam temperature control subsystems in boilers with steaming capacities of 200,000 lb/hr (25 kg/s) or greater.

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: *Barbara Sams*

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.7-201x, Testing and Labeling of Laser Protective Equipment (revision of ANSI Z136.7-2008)

Stakeholders: User base including DoD (military) and industry (e.g., medical device manufacturers including manufacturers of protective eyewear, laboratories, health physicists, safety engineers)

Project Need: To address emerging laser technology protective requirements, e.g., broad-spectrum laser sources, ultrafast lasers systems, new high-power systems not previously handled; including testing methodology definitions, refinement of testing protocols and data supporting known damage thresholds as a function of laser source parameters and materiel solutions adopted.

Provides recommendations for the testing requirements and labeling of protective equipment (devices) designed for use with lasers and laser systems that operate at wavelengths between 180 nm and 1 mm.

MHI (ASC MHC) (Material Handling Industry)

Office: 8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992

Contact: *Michael Ogle*

Fax: (704) 676-1199

E-mail: mogle@mhia.org

BSR MH10.8.16-201x, Material Handling - Label Adhesive Characteristics, Mark Durability and Recyclability (revision and redesignation of ANSI MH10.8.7-2005)

Stakeholders: Creators and users of product labels

Project Need: To retire ANSI MH10.8.7 and recommend usage of the ISO 28219 standard. This specification is intended to capture the information in Annex A of ANSI MH10.8.7 to ensure it remains available for users of the ISO 28219 standard. Information on this testing is needed to ensure reliable labels that adhere to substrates and can be scanned after experiencing various manufacturing processes.

Provides test specs for determining adhesive characteristics of labels, determining product mark durability and provides guidance on recyclability of materials used in labels. It is intended to help ensure that labels and marks can withstand extended long term exposure to a variety of indoor environments and remain affixed to products and are scannable for the intended life of the product. The standard includes test procedures for label adhesive characteristics and mark durability.

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: Michael Johnston

Fax: (301) 215-4500

E-mail: am2@necanet.org

BSR/NECA 781-201x, Recommended Practices for Lightning Protection System Installation and Maintenance (new standard)
Stakeholders: Electrical Contractors, Specifiers, Electrical Workers, Inspectors, Building Owners, Maintenance Engineers
Project Need: National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to define clearly what is meant by installing products and systems in a "neat and workmanlike" manner.

Provides a "Best Practices" lightning protection system installation and maintenance standard that ensures the completed installation meets or exceeds expected quality and performance criteria and complies with the minimum requirements of NFPA 780, Standard for the Installation of Lightning Protection Systems. This standard will cover procedures regarding the following:

- (1) Pre-Construction Site Assessment to ensure proper design and selection of proper materials; and
- (2) Project Management procedures to obtain approvals from owner, architect, engineers, and other trades for correctness and completeness of the shop drawing design and mounting details

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: Matt Clark

E-mail: Mat_clark@nema.org; ran_roy@nema.org

BSR/ANSLG C78.81-201x, Double-capped Fluorescent Lamps - Dimensional and Electrical Characteristics (revision of ANSI/ANSLG C78.81-2010)

Stakeholders: Manufacturers

Project Need: To provide a revision of ANSI/ANSLG C78.81.

Sets forth the physical and electrical characteristics of the principal types of fluorescent lamps intended for application on conventional line-frequency circuits and electronic high-frequency circuits.

BSR/LG IEC C78.901-201x, Single Base Fluorescent Lamps - Dimensional and Electrical Characteristics (revision of ANSI/IEC C78.901-2005 (R2008))

Stakeholders: Manufacturers

Project Need: To provide a revision of ANSI C78.901.

Sets forth the physical and electrical characteristics required to assure the interchangeability and to assist in the proper application of single-based fluorescent lamps.

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: Randolph Roy

Fax: (703) 841-3377

E-mail: ran_roy@nema.org ; Mat_clark@nema.org

BSR C78.375-201x, Guide for Electrical Measurements (revision of ANSI C78.375-1997 (R2011))

Stakeholders: Manufacturers.

Project Need: To provide a revision (and redesignation) of the current standard.

Describes the procedures to be followed and the precautions to be observed in obtaining uniform and reproducible measurements of the electrical characteristics of fluorescent lamps under standard conditions when operated on alternating current (ac) circuits.

OPEI (Outdoor Power Equipment Institute)

Office: 1400 K Street, NW, Suite 900
Washington, DC 20005

Contact: Daniel Mustico

Fax: (202) 682-4810

E-mail: dan@rma.org

BSR/OPEI B71.3-201x, Snow Throwers - Safety Specifications (revision and redesignation of ANSI B71.3-2005)

Stakeholders: producers; consumers; general interest

Project Need: To submit the current standard for review and revision.

Applies to:

- (a) walk-behind power snow throwers;
- (b) ride-on power snow throwers;
- (c) lawn ride-on tractors with snow thrower attachments;
- (d) lawn and garden tractors with snow thrower attachments; and
- (e) lever-steer ride-on machines with snow thrower attachments.

BSR/OPEI B71.8-201x, Outdoor Power Equipment - Walk-Behind Powered Rotary Tillers and Hand Supported Cultivators - Safety Specifications (revision of ANSI/OPEI B71.8-1996 (R2005))

Stakeholders: producers; consumers; general interest

Project Need: To submit the current standard for review and revision.

Applies to:

- (a) walk-behind powered rotary tillers; and
- (b) hand-supported cultivators.

These specifications are intended to provide safety requirements and to help ensure uniform operator environments. These specifications apply to products specifically intended as consumer products for personal use.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Rd.
Exton, PA 19341

Contact: Travis Murdock

Fax: (610) 363-5898

E-mail: tmurdock@scte.org

BSR/SCTE 48-1-201x, Test Method for Measuring Shielding Effectiveness of Passive and Active Devices Using a GTEM Cell (revision of ANSI/SCTE 48-1-2007)

Stakeholders: Cable Telecommunications Industry

Project Need: To update the standard to current technology

Determines the shielding effectiveness against Electromagnetic Interference (EMI) of components. This method subjects the component to an electric field of known strength.

BSR/SCTE 130-2-201x, Digital Program Insertion - Advertising Systems Interfaces - Part 2: Core Messaging and Data Types (revision of ANSI/SCTE 130-2-2008)

Stakeholders: Cable Telecommunications Industry

Project Need: To update the standard to current technology

Describes the Digital Program Insertion Advertising Systems Interfaces' core messaging and data types using extensible markup language (XML), XML Namespaces, and XML Schema.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: Ronda Marrow

Fax: (703) 907-7727

E-mail: rmarrow@tiaonline.org

BSR/TIA 4957.200-201x, Layer 2 Standard Specification for the Smart Utility Network (new standard)

Stakeholders: utility industry, wireless communication and networking industry

Project Need: To create a new standard.

This is the second part of a multi-part standard specification for the smart utility network. This part covers OSI Layer 2, including the MAC, DLL and forwarding sub-layers. It is intended for networks with a wireless mesh topology.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
RTP, NC 27709

Contact: Nicolette Allen

Fax: (919) 316-5727

E-mail: Nicolette.Allen@ul.com

BSR/UL 2802-201x, Standard for Safety for Performance Characteristics for Camera Testing (new standard)

Stakeholders: manufacturers and users of digital video cameras

Project Need: To obtain national recognition of a standard covering performance characteristics for camera testing.

Covers the safety evaluation and performance level testing of digital video cameras relative to standard image-capture parameters.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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

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.

AAMI

Association for the Advancement of
Medical Instrumentation (AAMI)

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ACCA

Air Conditioning Contractors of
America

2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (202) 251-3835
Fax: (703) 575-4449
Web: www.acca.org

ADA (Organization)

American Dental Association

211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529
Web: www.ada.org

AGA (ASC Z223)

American Gas Association
400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7312
Fax: (202) 824-9122
Web: www.aga.org

AHRI

Air-Conditioning, Heating, and
Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

AISC

American Institute of Steel
Construction

One East Wacker Drive
Suite 3100
Chicago, IL 60601-2001
Phone: (312) 670-5411
Fax: (312) 644-4226
Web: www.aisc.org

AMCA

AMCA International, Inc.
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

APCO

Association of Public-Safety
Communications Officials-
International

351 N. Williamson Boulevard
Daytona Beach, FL 32114
Phone: (919) 625-6864
Fax: (386) 322-2501
Web: www.apcolntl.org

ASABE

American Society of Agricultural and
Biological Engineers

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

ASHRAE

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

1791 Tullie Cir NE
Atlanta, GA 30043
Phone: (678) 539-1209
Fax: (678) 539-2209
Web: www.ashrae.org

ASIS

ASIS International

1625 Prince Street
Alexandria, VA 22314-2818
Phone: (703) 518-1439
Fax: (703) 518-1517
Web: www.asisonline.org

ASME

American Society of Mechanical
Engineers

3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASQ (ASC Z1)

American Society for Quality

600 N Plankinton Ave
Milwaukee, WI 53201
Phone: (800) 248-1946
Fax: (414) 272-1734
Web: www.asq.org

ASSE (Safety)

American Society of Safety Engineers

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

ATCC

American Type Culture Collection

10801 University Boulevard
Manassas, VA 20110
Phone: 703-365-2802
Fax: 703-334-2944
Web: www.atcc.org

ATIS

Alliance for Telecommunications
Industry Solutions

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

AWS

American Welding Society

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

AWWA

American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-6303
Web: www.awwa.org

BIFMA

Business and Institutional Furniture
Manufacturers Association

678 Front Ave. NW
Grand Rapids, MI 49504
Phone: 616-285-3963
Fax: 616-285-3765
Web: www.bifma.org

BOMA

Building Owners and Managers
Association

1101 15th Street, NW, Suite 800
Washington, DC 20005
Phone: (202) 326-6357
Fax: (202) 326-6377
Web: www.boma.org

CEMA

Conveyer Equipment Manufacturers
Association

6724 Lone Oak Blvd.
Naples, FL 34109
Phone: (239) 514-3441
Fax: (239) 514-3470
Web: www.cemanet.org

CSA

CSA America, Inc.

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

HL7

Health Level Seven

3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

ISA (Organization)

ISA-The Instrumentation, Systems,
and Automation Society

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

KCMA

Kitchen Cabinet Manufacturers
Association

1899 Preston White Drive
Reston, VA 20191-5435
Phone: (703) 264-1690
Fax: (703) 620-6530

LIA (ASC Z136)

Laser Institute of America

13501 Ingenuity Drive
Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Fax: (407) 380-5588
Web: www.laserinstitute.org

MHI

Material Handling Industry

8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

NCEES

National Council of Examiners for
Engineering and Surveying
P.O. Box 1686, 280 Seneca Creek Rd.
280 Seneca Creek Road
Clemson, SC 29633-1686
Phone: (864) 654-6824
Fax: (864) 654-6033
Web: www.ncees.org

NCPDP

National Council for Prescription Drug
Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (512) 291-1356
Fax: (480) 767-1042
Web: www.ncpdp.org

NECA

National Electrical Contractors
Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4521
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3271
Fax: 703-841-3371
Web: www.nema.org

NEMA (ASC C81)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
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

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5159
Fax: (734) 827-6176
Web: www.nsf.org

OPEI

Outdoor Power Equipment Institute
341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: opei.mow.org

RMA

Rubber Manufacturers Association
1400 K Street, NW, Suite 900
Washington, DC 20005
Phone: (202) 682-4866
Fax: (202) 682-4810
Web: opei.mow.org

SCTE

Society of Cable Telecommunications
Engineers
140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

TCNA (ASC A108)

Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

TechAmerica

TechAmerica
1401 Wilson Boulevard
Suite 1100
Arlington, VA 20004
Phone: (703) 284-5355
Fax: (703) 525-2279
Web: www.techamerica.org

TIA

Telecommunications Industry
Association
2500 Wilson Blvd
Arlington, VA 22201
Phone: (703) 907-7974
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850
Web: www.ul.com/

ISO & IEC Draft International Standards



This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and 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 ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC/DIS 60601-1-12, Medical Electrical Equipment -- Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the emergency medical services environment, FREE

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 13675, Heating and cooling systems in buildings - Method and design for calculation of the system energy performance - Combustion systems (boilers) - 4/24/2012, \$125.00

FURNITURE (TC 136)

ISO/DIS 4211-2, Furniture - Tests for surface finishes - Part 2: Assessment of resistance to wet heat - 4/26/2012, \$53.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 8310, Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels - General requirements for automatic tank thermometers on board marine carriers and floating storage - 4/26/2012, \$62.00

PLASTICS (TC 61)

ISO 180/DAMd2, Plastics - Determination of Izod impact strength - Draft Amendment 2: Precision data - 4/13/2012, \$33.00

ISO/DIS 75-1, Plastics - Determination of temperature of deflection under load - Part 1: General test method - 4/13/2012, \$53.00

ISO/DIS 17178, Adhesives - Adhesives for bonding parquet to subfloor - Test methods and minimum requirements - 4/25/2012, \$53.00

ROAD VEHICLES (TC 22)

ISO/DIS 2698, Diesel engines - Clamp-mounted fuel injectors, types 7 and 28 - 4/25/2012, \$40.00

ISO/DIS 17458-1, Road vehicles - FlexRay communications system - Part 1: General information and use case definition - 4/13/2012, \$88.00

ISO/DIS 17458-2, Road vehicles - FlexRay communications system - Part 2: Data link layer specification - 4/13/2012, FREE

ISO/DIS 17458-3, Road vehicles - FlexRay communications system - Part 3: Data link layer conformance test specification - 4/13/2012, FREE

ISO/DIS 17458-4, Road vehicles - FlexRay communications system - Part 4: Electrical physical layer specification - 4/13/2012, \$194.00

ISO/DIS 17458-5, Road vehicles - FlexRay communications system - Part 5: Electrical physical layer conformance test specification - 4/13/2012, \$311.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 17278, Rubber, raw natural - Determination of the gel content of technically specified rubber (TSR) - 4/13/2012, \$46.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 13643-1, Ships and marine technology - Manoeuvring of ships - Part 1: General concepts, quantities and test conditions - 4/26/2012, \$107.00

ISO/DIS 13643-2, Ships and marine technology - Manoeuvring of ships - Part 2: Turning and yaw checking - 4/26/2012, \$88.00

ISO/DIS 13643-3, Ships and marine technology - Manoeuvring of ships - Part 3: Yaw stability and steering - 4/26/2012, \$82.00

STEEL (TC 17)

ISO/DIS 14404-1, Calculation method of carbon dioxide emission intensity from iron and steel production - Part 1: Steel plant with blast furnace - 4/25/2012, \$82.00

ISO/DIS 14404-2, Calculation method of carbon dioxide emission intensity from iron and steel production - Part 2: Steel plant with electric arc furnace (EAF) - 4/25/2012, \$82.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 16413, Evaluation of thickness, density and interface width of thin films by X-ray reflectometry - Instrumental requirements, alignment and positioning, data collection, data analysis and reporting - 4/24/2012, \$88.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 24531, Intelligent transport systems - System architecture, taxonomy and terminology - Using XML in ITS standards, data registries and data dictionaries - 4/25/2012, \$175.00

ISO/DIS 26683-1, Intelligent Transport Systems - Freight land conveyance content identification and communication architecture - Part 1: Application profile - 4/26/2012, \$146.00

ISO/DIS 26683-2, Intelligent transport systems - Freight land conveyance content identification and communication (FLC-CIC) - Part 2: Application interface profiles - 4/26/2012, \$119.00

IEC Standards

68/434/FDIS, 2nd Amendment to 60404-11 Ed.1: Method of test for the determination of surface insulation resistance of magnetic sheet and strip, 03/09/2012

23E/740/FDIS, Amendment 1 to IEC 61008-1 ed.3: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules, 03/16/2012

23E/741/FDIS, Amendment 1 to IEC 61009-1 ed.3: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules, 03/16/2012

61E/695/FDIS, IEC 60335-2-39 Ed 6.0: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 03/16/2012

61J/489/FDIS, IEC 60335-2-67 Ed 4.0: Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines for commercial use, 03/16/2012

61J/490/FDIS, IEC 60335-2-68 Ed 4.0: Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines for commercial use, 03/16/2012

61J/491/FDIS, IEC 60335-2-72 Ed 3.0: Household and similar electrical appliances - Safety - Part 2-72: Particular requirements for floor treatment machines with or without traction drive for commercial use, 03/16/2012

62D/977/FDIS, IEC 60601-2-3 Ed 3: Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, 03/16/2012

66/461/FDIS, IEC 61010-2-033 Ed 1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other hand-held meters, for domestic and professional use, capable of measuring mains voltage, 03/16/2012

55/1303/FDIS, IEC 60317-0-7 Ed 1.0: Specifications for particular types of winding wires - Part 0-7: General requirements - Fully insulated (FIW) zero-defect enamelled round copper wire with nominal conductor diameter of 0,040 mm to 1,600 mm, 03/23/2012

86B/3369/FDIS, IEC 61754-29 Ed 1.0: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 29: Type BLINK connector series, 03/23/2012

17C/542/FDIS, IEC 62271-207 ed.2: High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV, 03/30/2012

48B/2284/FDIS, IEC 60512-15-21 Ed 1.0: Connectors for electronic equipment - Tests and measurements - Part 16-21: Mechanical tests on contacts and terminations - Test 16u: Whisker test via the application of external mechanical stresses, 03/30/2012

48B/2285/FDIS, IEC 61076-3-110 Ed 2.0: Connectors for electronic equipment - Product requirements - Part 3-110: Detail specification for shielded, free and fixed connectors for data transmission with frequencies up to 1000 MHz, 03/30/2012

56/1461/FDIS, IEC 61124 Ed. 3.0: Reliability testing - Compliance tests for constant failure rate and constant failure intensity, 03/30/2012

61C/506/FDIS, IEC 60335-2-24-A1 Ed 7.0: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers, 03/30/2012

61C/507/FDIS, IEC 60335-2-89-A1 Ed 1.0: Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor, 03/30/2012

77B/670/FDIS, IEC 61000-4-4 Ed.3: Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test, 03/30/2012

89/1098/FDIS, IEC 60695-4 Ed 4.0: Fire hazard testing - Part 4: Terminology concerning fire tests for electrotechnical products, 03/30/2012

91/1025/FDIS, IEC 61182-2-2 Ed.1: Printed board assembly products - Manufacturing description data and transfer methodology - Part 2-2: Sectional requirements for implementation of printed board fabrication data description, 03/30/2012

110/354/FDIS, IEC 61988-4-2 Ed. 1: Plasma Display Panels - Part 4-2: Environmental testing methods - Panel strength, 03/30/2012

Newly Published ISO & IEC Standards



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

ISO Standards

ACOUSTICS (TC 43)

[ISO 3382-3:2012](#), Acoustics - Measurement of room acoustic parameters - Part 3: Open plan offices, \$86.00

AIR QUALITY (TC 146)

[ISO 15202-2:2012](#), Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry - Part 2: Sample preparation, \$149.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 10502:2012](#), Aerospace - Hose assemblies in polytetrafluoroethylene (PTFE) for use up to 232°C and 10 500 kPa - Technical specifications and requirements, \$98.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

[ISO 11568-2:2012](#), Financial services - Key management (retail) - Part 2: Symmetric ciphers, their key management and life cycle, \$116.00

CORROSION OF METALS AND ALLOYS (TC 156)

[ISO 9223:2012](#), Corrosion of metals and alloys - Corrosivity of atmospheres - Classification, determination and estimation, \$86.00

[ISO 9224:2012](#), Corrosion of metals and alloys - Corrosivity of atmospheres - Guiding values for the corrosivity categories, \$80.00

[ISO 9225:2012](#), Corrosion of metals and alloys - Corrosivity of atmospheres - Measurement of environmental parameters affecting corrosivity of atmospheres, \$104.00

[ISO 9226:2012](#), Corrosion of metals and alloys - Corrosivity of atmospheres - Determination of corrosion rate of standard specimens for the evaluation of corrosivity, \$49.00

[ISO 17474:2012](#), Corrosion of metals and alloys - Conventions applicable to electrochemical measurements in corrosion testing, \$80.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO 14641-1:2012](#), Electronic archiving - Part 1: Specifications concerning the design and the operation of an information system for electronic information preservation, \$135.00

FLUID POWER SYSTEMS (TC 131)

[ISO 16431:2012](#), Hydraulic fluid power - System clean-up procedures and verification of cleanliness of assembled systems, \$57.00

GRAPHICAL SYMBOLS (TC 145)

[ISO 7000:2012](#), Graphical symbols for use on equipment - Registered symbols, FREE

HOROLOGY (TC 114)

[ISO 10552:2012](#), Timekeeping instruments - Crowns and sealed tubes - Designs and dimensions, \$65.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 18312-1:2012](#), Mechanical vibration and shock - Measurement of vibration power flow from machines into connected support structures - Part 1: Direct method, \$80.00

[ISO 18312-2:2012](#), Mechanical vibration and shock - Measurement of vibration power flow from machines into connected support structures - Part 2: Indirect method, \$98.00

OTHER

[ISO 2419:2012](#), Leather - Physical and mechanical tests - Sample preparation and conditioning, \$43.00

PHOTOGRAPHY (TC 42)

[ISO 12231:2012](#), Photography - Electronic still picture imaging - Vocabulary, \$129.00

PLAIN BEARINGS (TC 123)

[ISO 14287:2012](#), Plain bearings - Pad materials for tilting pad bearings, \$49.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

[ISO 8483/Amd1:2012](#), Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Test methods to prove the design of bolted flange joints - Amendment 1, \$16.00

[ISO 15306/Amd1:2012](#), Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the resistance to cyclic internal pressure - Amendment 1, \$16.00

SOIL QUALITY (TC 190)

[ISO 11269-2:2012](#), Soil quality - Determination of the effects of pollutants on soil flora - Part 2: Effects of contaminated soil on the emergence and early growth of higher plants, \$98.00

SURFACE CHEMICAL ANALYSIS (TC 201)

[ISO 11039:2012](#), Surface chemical analysis - Scanning-probe microscopy - Measurement of drift rate, \$98.00

TIMBER (TC 218)

[ISO 3129:2012](#), Wood - Sampling methods and general requirements for physical and mechanical testing of small clear wood specimens, \$65.00

WATER QUALITY (TC 147)

[ISO 29201:2012](#), Water quality - The variability of test results and the uncertainty of measurement of microbiological enumeration methods, \$167.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 15504-5:2012](#), Information technology - Process assessment - Part 5: An exemplar software life cycle process assessment model, \$235.00

[ISO/IEC 19795-6:2012](#), Information technology - Biometric performance testing and reporting - Part 6: Testing methodologies for operational evaluation, \$122.00

[ISO/IEC 23001-7:2012](#), Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files, \$73.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

[IEC 60539-1 Ed. 2.0 b:2008](#), Directly heated negative temperature coefficient thermistors - Part 1: Generic specification, \$179.00

ELECTRIC CABLES (TC 20)

[IEC 60227-7 Ed. 1.2 b:2012](#), Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 7: Flexible cables screened and unscreened with two or more conductors, \$148.00

[IEC 60245-8 Ed. 1.2 b:2012](#), Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 8: Cords for applications requiring high flexibility, \$179.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 60669-2-6 Ed. 1.0 b:2012](#), Switches for household and similar fixed electrical installations - Part 2-6: Particular requirements - Fireman's switches for exterior and interior signs and luminaires, \$97.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC 60079-11 Ed. 6.0 b Cor.1:2012](#), Corrigendum 1 - Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i", \$0.00

ELECTROSTATICS (TC 101)

[IEC 61340-4-4 Ed. 2.0 b:2012](#), Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC), \$179.00

FIBRE OPTICS (TC 86)

[IEC 60794-1-1 Ed. 3.0 en Cor.1:2012](#), Corrigendum 1 - Optical fibre cables - Part 1-1: Generic specification - General, \$0.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 61747-6-2 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Liquid crystal display devices - Part 6-2: Measuring methods for liquid crystal display modules - Reflective type, \$0.00

[IEC 61988-2-1 Ed. 2.0 b:2012](#), Plasma display panels - Part 2-1: Measuring methods - Optical and optoelectrical, \$143.00

[IEC 62341-6-2 Ed. 1.0 b:2012](#), Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance, \$179.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61158-3-14 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 3-14: Data-link layer service definition - Type 14 elements, \$107.00

[IEC 61158-3-19 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 3-19: Data-link layer service definition - Type 19 elements, \$117.00

[IEC 61158-3-21 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 3-21: Data-link layer service definition - Type 21 elements, \$179.00

[IEC 61158-3-22 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 3-22: Data-link layer service definition - Type 22 elements, \$158.00

[IEC 61158-4-14 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 4-14: Data-link layer protocol specification - Type 14 elements, \$143.00

[IEC 61158-4-21 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 4-21: Data-link layer protocol specification - Type 21 elements, \$265.00

[IEC 61158-4-22 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 4-22: Data-link layer protocol specification - Type 22 elements, \$235.00

[IEC 61158-5-14 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-14: Application layer service definition - Type 14 elements, \$260.00

[IEC 61158-5-19 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-19: Application layer service definition - Type 19 elements, \$143.00

[IEC 61158-5-20 Ed. 2.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-20: Application layer service definition - Type 20 elements, \$179.00

[IEC 61158-5-21 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-21: Application layer service definition - Type 21 elements, \$250.00

[IEC 61158-5-22 Ed. 1.0 b:2010](#), Industrial communication networks - Fieldbus specifications - Part 5-22: Application layer service definition - Type 22 elements, \$250.00

INSULATING MATERIALS (TC 15)

[IEC 60893-3-3 Ed. 2.1 b:2012](#), Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-3: Specifications for individual materials - Requirements for rigid laminated sheets based on melamine resins, \$112.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 62560 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications, \$0.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 61097-6 Ed. 2.1 en:2012](#), Global maritime distress and safety system (GMDSS) - Part 6: Narrowband direct-printing telegraph equipment for the reception of navigational and meteorological warnings and urgent information to ships (NAVTEX), \$306.00

NUCLEAR INSTRUMENTATION (TC 45)

[IEC 62566 Ed. 1.0 b:2012](#), Nuclear power plants - Instrumentation and control important to safety - Development of HDL-programmed integrated circuits for systems performing category A functions, \$204.00

OTHER

[CISPR 32 Ed. 1.0 b:2012](#), Electromagnetic compatibility of multimedia equipment - Emission requirements, \$250.00

POWER TRANSFORMERS (TC 14)

[IEC 61378-1 Ed. 2.0 en Cor.1:2012](#), Corrigendum 1 - Converter transformers - Part 1: Transformers for industrial applications, \$0.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-16 Ed. 5.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers, \$133.00

[IEC 60335-2-44 Ed. 3.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers, \$133.00

[IEC 60335-2-45 Ed. 3.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances, \$163.00

[IEC 60335-2-51 Ed. 3.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations, \$112.00

[IEC 60335-2-66 Ed. 2.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-66: Particular requirements for water-bed heaters, \$148.00

[IEC 60335-2-81 Ed. 2.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats, \$204.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 60068-2-21 Ed. 6.0 b Cor.1:2012](#), Corrigendum 1 - Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices, \$0.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 62271-SER Ed. 1.0 b:2012](#), High-voltage switchgear and controlgear - ALL PARTS, \$3778.00

[IEC 62271-102 Amd.1 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Amendment 1 - High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, \$0.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

DDD-Diagnostic A/S

Public Review: December 16, 2011 to March 14, 2012

Digital Technology International

Public Review: January 13 to March 12, 2012

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

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 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

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

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.

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

SCTE is currently seeking to broaden the membership base of its 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 email from standards@scte.org.

Committee Membership

ANSI/NFSI B101 – Safety Requirements for Slip, Trip and Fall Prevention

The ANSI/NFSI Standards Committee B101 on "Safety Requirements for Slip, Trip and Fall Prevention" is actively seeking membership in the Trade Association and General Interest Categories.

A Trade Association is defined as A membership-supported organization that represents the interests of those operating in a specific industry. A Trade Association may also be that of an industry trade group, sector association or other organization who offers professional assistance such as: market research, education, lobbying, etc. to their members. Annual Member dues are based upon a flat fee of \$5,000. A General Interest member is defined as: General Interest members are neither Producers, Users nor Trade Associations. This category includes, but is not limited to, regulatory agencies (state and federal), researchers, , educators and any individual or organization that is effected by or interested in the need for slip, trip and fall prevention. Annual Member dues are based upon a flat fee of \$495. If you meet either of these qualifications please complete our membership application by visiting our website at http://www.nfsi.org/standards_application.php.

PINS Correction

BSR/3-A 00-201x, 3-A Sanitary Standard General Requirements

The stakeholders for BSR/3-A Standard 00-201x, 3-A Sanitary Standard General Requirements were incomplete in the PINS section of the January 27, 2012 Standards Action. The following is the complete list of stakeholders: Food, beverage, and dairy equipment manufacturers; food, beverage, and dairy products processors; and state and federal regulatory sanitarians.

ANSI Accredited Standards Developers

Administrative Reaccreditation

National Association of Architectural Metal Manufacturers (NAAMM)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the National Association of Architectural Metal Manufacturers (NAAMM), a full ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on NAAMM-sponsored American National Standards, effective February 1, 2012. For additional information, please contact: Mr. Wes Lewis, Technical Consultant, National Association of Architectural Metal Manufacturers, 114 Whiting Street, Norfolk, VA 23505; PHONE: (757) 489-0787; FAX: (757) 489-0788; E-mail: wlewis7@cox.net.

Reaccreditation

Green Building Initiative (GBI)

Comment Deadline: March 5, 2012

The Green Building Initiative (GBI) has submitted revisions to its currently accredited operating procedures under which it was last reaccredited in November 2007. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of GBI's revised procedures or to offer comments, please contact: Ms. Vicki Worden, President, Worden Associates, P.O. Box 898, Camden, ME 04843; PHONE: (207) 236-2920; FAX: (207) 470-1022; E-mail: vicki@wordenassociates.com. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>

Please submit any public comments on the revised procedures to GBI/Worden Associates by March 5, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

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 Multiple revisions for 40i25, 46i21, 245i6, 350i3, 350-113

Revision to 40, 46, 245, 350, 350-1
 Revision to NSF/ANSI 40-2010
 (January 2012)

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Underlined text is additions from revision 1 to revision 2

Applies to: **Standard 40**, Section 5.8.2, **Standard 46**, Sections 9.6.2.3, 11.4.1.2, 12.5.1.1, and 13.3.2.2, and **Standard 245**, Section 5.8.2, **Standard 350**, Section 5.8, **Standard 350-1**, Section X.X (using NSF/ANSI 40 as basis)

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5.8 Failure sensing and signaling equipment

5.8.1—The system shall possess a mechanism or process capable of detecting failures of electrical and mechanical components critical to the treatment processes and delivering a visible and audible signal to notify the owner or user of the failure. The system shall possess a mechanism or process capable of detecting a high water condition and delivering a visible and audible signal to notify the owner or user that the water level is above normal operating specifications.

~~**5.8.3**—The visual and auditory signals shall continue to be functional in the event of an electrical, mechanical, or hydraulic malfunction of the system providing power is available to the system and shall resume once power is restarted following the power outage. This does not mandate a battery back-up for the alarm system.~~

Reason: This does not change the requirements; it was added for clarification of the intent.

Compliance with the requirements of section 5.8.1 and 5.8.2 shall be determined by a group of three observers. Observers shall be employees of the test agency.

~~**5.8.2** The visual portion of the signal shall be conspicuous from a distance of 15 m (50 ft) from the system and its appurtenances when tested and evaluated in ambient light conditions of at least 1000 foot-candles. The audible portion of the signal shall be between 70 and 90 dbA at 1.5 m (5 ft) and shall be discernable from a distance of 15 m (50 ft) from the system and its appurtenances.~~

5.8.1.4 Visual Alarm Test

The audible portion of the alarm shall be disabled during the visual alarm test. The visual portion of the signal shall be conspicuous from a distance of 15 m (50 ft). There shall be a minimum of 5 random on/off trials of the visual alarm. The observers shall turn their backs to the alarm panels such that they cannot see the visual portion of the alarm prior to each trial during the visual alarm test. The visual alarm shall be on for a minimum of one trial and off for a minimum of one trial during the test but the on/off condition shall otherwise be selected randomly. Observers shall face the alarm panel when requested during the test. Compliance with these requirements is demonstrated only when all observers provide the correct answer for each trial.

5.8.2 Audible Alarm Test

The visual alarm shall be disabled during the audible alarm test. Observers shall have their backs to the alarm during the audible testing. The audible portion of the signal shall be discernible from a distance of 15 m (50 ft) with a minimum ambient noise level of 60 dbA. When the ambient noise level is less than 60 dbA, it shall be augmented with a steady tone between 100 and 1000 hertz. The ambient noise level shall be measured at the location where the observers will be located. The audible alarm shall be activated a minimum of 3 times. The observers shall record the number of times the audible alarm was

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Multiple revisions for 40i25, 46i21, 245i6, 350i3, 350-1i3

Revision to 40, 46, 245, 350, 350-1
Revision to NSF/ANSI 40-2010
(January 2012)

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heard. Compliance with these requirements is demonstrated only when all observers record the correct number of times the alarm was activated. The audible portion of the alarm shall not exceed 90 dbA at a distance of 3 m (10 ft) when measured outdoors with both the alarm panel and sound level meter located at a minimum of 7.6 m (25 ft) from any permanent structure.

Reason: This does not change the requirements for the visual alarm test. It only specifies the test methodology.

This does remove the current requirement for the audible portion of the alarm to be at least 70 dbA. This was proposed because this requirement does nothing to improve public health, while restricting technology that can be used to make the alarms more audibly discernable. It also makes the requirements for the audible alarm consistent with the requirements for the visual alarm.

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BSR/UL 705**PROPOSAL**

5A.1.1 A component of a product covered by this standard shall:

- a) Comply with the requirements for that component as indicated in 5A.2 - 5A.6 or the individual component section;
- b) Be used in accordance with its rating(s) established for the intended conditions of use;
- c) Be used within its established use limitations or conditions of acceptability; and
- d) Additionally comply with the applicable requirements of this end product standard; ~~and~~
- e) ~~Not contain mercury.~~

Note - Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

Exception No. 1: A lamp is not required to comply with the requirement for mercury.

Exception No. 2 1: A component of a product covered by this standard is not required to comply with a specific component requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product, or*
- b) Is superseded by a requirement in this standard, or*
- c) Is separately investigated when forming part of another component, provided the component is used within its established ratings and limitations.*

Exception No. 3 2: A component complying with a UL component standard other than those cited in 5A.2 - 5A.6 or the individual component section is acceptable if:

- a) The component also complies with the applicable component standard of 5A.2 - 5A.6 or the individual component section; or*

b) *The component standard:*

- 1) *Is compatible with the ampacity and overcurrent protection requirements of the National Electrical Code, ANSI/NFPA 70, where appropriate;*
- 2) *Considers long-term thermal properties of polymeric insulating materials in accordance with the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B, and*
- 3) *Any use limitations of the other component standard is identified and appropriately accommodated in the end use application. For example, a component used in a household application, but intended for industrial use and complying with the relevant component standard may assume user expertise not common in household applications.*

BSR/UL 1517 – 201x

PROPOSAL

7.1.3 A hybrid device shall be supplied in a ready-to-use condition. A device that employs cartridges for inflation shall be provided with ~~three spare cartridges~~ at least one cartridge. A device that employs an automatic inflation system shall be provided with ~~three spare~~ at least one automatic-activating devices.

Cable Assemblies and Fittings for Industrial Control and Signal Distribution, UL 2238

1. Addition of requirements for testing flag type cord tags and wrap around cord labels.

PROPOSAL

2 Glossary

2.2.1 CORD or CABLE TAG - An adhesive backed label that is wrapped around the cord or cable and secured to itself forming a flag that protrudes from the cord or cable. A label without adhesive that is secured to the cord or cable using a securement strap such as a cable tie is also consider a cord tag.

2.25 WRAP AROUND CORD or CABLE LABEL - An adhesive backed label that wraps around the cord or cable and adheres to the cord or cable itself or the wrap around label.

37.15 Tests for permanence of flag type cord or cable tag

37.15.1 For the following tests, printed production-type flag type cord or cable tags are to be provided with all the required markings printed in accordance with the requirements specified in this standard (i.e. required letter height, etc.) and in a contrasting color to the solid background. To determine compliance with 40.1.1.2, ~~representative flag type cord tags the samples~~ that have been subjected to the applicable conditions described in 37.17 shall meet the following requirements. The tests shall be conducted in the following order:

- a) Visual Examination - The cord or cable tag shall be visually examined with normal or corrected vision following each applicable exposure conditioning for the following:
 - 1) There shall not be any permanent shrinkage, deformation, cracking, or any other condition that will render the marking on the tag illegible.
- b) Defacement Test (Overlaminated Cord Tags Only) - Following each applicable exposure, the flag type cord or cable tag is to be scraped back and forth 10 times across the printed surface and edges with a downward force of 2 lbf (8.9 N) using the edge of a 5/64-in (1.9-mm) thick steel blade. The blade is to be held perpendicular to the cord surface. The portion of the blade in contact with the surface shall have an approximate radius of curvature of 1 in (25.4 mm) and shall be rounded to a minimum radius of 1/64 in (0.4 mm). The cord or cable tag shall be examined as follows:
 - 1) The flag type cord or cable label and overlamination, ~~if provided~~, shall not move more than 1/2 in (12.7 mm) along the cord or cable and shall not be torn a distance greater than 1/16 in (1.6 mm) or otherwise damaged. The printing shall remain legible.
- c) Tearing and Separation Test - The cord or cable assembly, with the fitting pointing up, is to be held taught in a vertical plane. A force of 5 lbf (22.2 N), which includes the weight of the clamp, is to be applied for 1 min to the uppermost corner of the flag type cord or cable tag farthest from the device, within 1/4 in (6.4 mm) of the vertical edge of the tag. The force is to be applied by affixing a C-clamp with a pad diameter of 3/8 in (9.5 mm) to the tag and securing the weight to the C-clamp. The force is to be applied vertically downward in a direction parallel to the major axis of the cord or cable. The flag type cord or cable tag shall be examined as follows:
 - 1) The flag type cord or cable tag shall resist tearing for longer than 1/16 in (1.6 mm) at any point.
 - 2) The flag type cord or cable tag shall not separate from the cord or cable assembly. A hang-type tag shall not separate from the securement strap, and the securement strap shall not separate from the ~~cord set~~ cord or cable assembly;

- 3) The flag type cord or cable tag or securement strap shall not slip or move along the length of the ~~cord set~~ cord or cable assembly more than 1/2 in (13 mm) and there shall not be any visible damage to the cord.

37.16 Tests for permanence of wrap around cord or cable label

37.16.1 For the following tests, printed production-type wrap around cord or cable labels are to be provided with all the required markings printed in accordance with the requirements specified in this standard (i.e. required letter height, etc.) and in a contrasting color to the solid background. To determine compliance with 40.1.1.2, ~~representative wrap around cord labels~~ the samples that have been subjected to the test conditions described in 37.17 shall meet the following requirements. The tests shall be conducted in the following order:

- a) Visual Examination - A wrap around cord or cable label shall be visually examined with normal or corrected vision following each applicable exposure condition for the following:
- 1) A wrap around cord or cable label shall adhere to the surface to which it is applied without any significant evidence of curling or loosening around the perimeter or other indication of loss of adhesion such as wrinkles or bubbles.
 - 2) It shall not excessively craze or shrink.
 - 3) The printed text shall remain legible. Discoloration or fading is not to be considered a failure.
- b) Legibility Test - Following each applicable exposure condition, the printed surface of the wrap around cord label is to be rubbed with finger pressure back and forth 10 times with a downward force of 4 lbf (17.8 N). This test does have to be conducted on samples employing an over-lamination or that are subsurface printed.
- 1) The printed text shall remain legible.
- c) Defacement Test - Following each applicable exposure, the wrap around cord or cable label is to be scraped back and forth 10 times across the printed surface and edges with a downward force of 2 lbf (8.9 N) using the edge of a 5/64-in (1.9-mm) thick steel blade. The blade is to be held perpendicular to the cord surface. The portion of the blade in contact with the surface shall have an approximate radius of curvature of 1 in (25.4 mm) and shall be rounded to a minimum radius of 1/64 in (0.4 mm). The wrap around cord or cable label shall be examined as follows:
- 1) The wrap around cord or cable label and/or overlamination, if provided, shall not move more than a 1/2 in (12.7 mm) along the cord and shall not be torn or removed from the cord or cable surface.

37.17 Test conditions

37.17.1 For each type of conditioning mentioned in 37.17.2 - 37.17.4, three flag type cord or cable tags applied to the applicable cable assemblies in the intended manner are to be used or three wrap around cord or cable labels applied to the applicable cable assembly. For flag type cord or cable tags or wrap around cord or cable labels applied by an adhesive, tests are to be conducted no sooner than 24 h after application of the flag type cord or cable tag or wrap around label.

37.17.2 Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested as received.

37.17.3 Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested after 30 min of conditioning at $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity, following 240 h of conditioning in an air-circulating oven at $60 \pm 1^{\circ}\text{C}$ ($140 \pm 1.8^{\circ}\text{F}$).

37.17.4 Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested within 1 min after being exposed for 72 h to a relative humidity of $85 \pm 5\%$ at a temperature of $32.0 \pm 2.0^{\circ}\text{C}$ ($89.6 \pm 3.6^{\circ}\text{F}$).

37.17.5 If the flag type cord or cable tags or wrap around cord or cable labels are intended to be applied to an outdoor cord ~~(W)~~-cord or cable assembly, the flag type cord or cable tag or wrap around cord or cable label are ~~it~~ is to be conditioned as follows and in 37.17.6 - 37.17.7. Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested after 24 h of exposure conditioning at $23 \pm 2^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity, followed by 48 h of immersion to a depth of not less than 1/8 inch (3.2 mm) in demineralized water at a temperature of 23°C (73.4°F).

37.17.6 Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested after 24 h of exposure conditioning at $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity, followed by 7 h of exposure in a cold box at a temperature of $-10 \pm 2^{\circ}\text{C}$ ($14.0 \pm 3.6^{\circ}\text{F}$).

37.17.7 Each of three flag type cord or cable tags or wrap around cord or cable labels are to be tested after 24 h of exposure conditioning at $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity, followed by exposure to ultraviolet light and water spray with ultraviolet light by using either of the following apparatus:

- a) A Twin-Enclosed Carbon-Arc Weatherometer, (Type D or DH), as described in the Standard Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G152 and the Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G153. Each of the tags is to be exposed to 720 h of ultraviolet light and water spray with ultraviolet light. The operating cycle is to be 20 min; 17 min of ultraviolet light only and 3 min of water spray and ultraviolet light.
- b) A Xenon-Arc Weatherometer, (Type B or similar apparatus), as described in the Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials, ASTM G155. Each of the tags is to be exposed to 1000 h of ultraviolet light and water spray with ultraviolet light. The exposure shall be in accordance with Method A, with continuous exposure to ultraviolet light and intermittent water spray with ultraviolet light, using a programmed cycle of 120 min (102 min ultraviolet light exposures and an 18 min exposure to water spray with ultraviolet light). The apparatus shall include a 6500 W, water-cooled xenon-arc lamp, borosilicate glass inner and outer optical filters, a spectral irradiance of 0.35 W/m^2 at 340 nm and a black-panel temperature of $63.0 \pm 3.0^{\circ}\text{C}$ ($145.0 \pm 5.4^{\circ}\text{F}$).

37.17.8 If the flag type cord or cable tags or wrap around cord or cable labels are intended to be applied to an indoor or outdoor cord or cable assembly that is required to be oil resistant, ~~(Type O or OO)~~ it is the flag type cord or cable tag or wrap around cord or cable label are to be conditioned as follows. Each of three tags is to be tested within 2 h after being immersed for 48 h in IRM 902 oil at a temperature of $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$).

40.1 General

40.1.1.1 Unless otherwise indicated, all markings required by this standard shall be clearly visible, readily legible, and placed on the outside of the enclosure in lettering not less than 3/32-in (2.4 mm) high. When required, the words "CAUTION," "WARNING," or "DANGER" in the first element of each statement are to be boldface capital letters and a minimum of 3/32-in (2.4-mm) high, and the remaining words are to be a minimum of 1/16-in (1.6-mm high).

40.1.1.2 Markings required by this standard shall be permanent. A permanent marking shall be molded, die-stamped, or paint-stenciled; stamped or etched metal that is permanently secured; or indelibly stamped on a pressure-sensitive label secured by adhesive that complies with the Standard for Marking and Labeling

Systems, UL 969 or provided on a cord or cable tag that complies with 37.15 or 37.16. Ordinary usage, handling, storage, and the like of the unit are to be evaluated in determining whether a marking is permanent.

2. Proposed revision to 7.4.1 to align with UL 2237 and UL 498 for RTI alternative path and RTI-impact values.

PROPOSAL

7.4 Thermal properties

7.4.1 A polymeric material used for electrical insulation or enclosure of live parts shall have a relative thermal index (RTI) rating as specified in Table 7.3. For a material with other than a VTM flammability classification, the acceptability of the material shall be determined using the material thickness employed in the end-use product or a nominal 1/8-in (3.2-mm) thickness, whichever is greater.

Exception No. 1: If the polymeric material does not have a RTI value, see the Relative Thermal Indices Based Upon Past Field-Test Performance and Chemical Structure table (Table 7.1) in the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B, for generic RTI values.

Exception No. 2: The following generic materials having readings of 65 or less on the Shore Durometer D scale (when measured for 5 s at an ambient temperature of $23.0 \pm 2.0^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$)) are acceptable for use at 60°C (140°F) based on their successful completion of the appropriate accelerated aging test described in Accelerated Aging Tests, Section 37.10:

- a) Ethylene/Propylene/Diene (EPDM);
- b) Natural Rubber (NR);
- c) Neoprene (Chloroprene Butadiene) Rubber (CBR);
- d) Nitrile Rubber (NBR);
- e) Polyvinyl Chloride (PVC) and its copolymers;
- f) ~~Silicone Rubber (SIR);~~
- ~~f)-g)~~ Styrene (Butadiene) Rubber (SBR); and
- ~~g)-h)~~ Thermo Elastomeric [TEE; includes Thermoplastic Elastomers (TPE) and Ethylene Propylene Thermoplastic Rubber (EPTR)].