

ANSI STANDARDS ACTION

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http://www.ansi.org/news_publications/periodicals/standards_action/standards_action.aspx?menuid=7

American National Standards

Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC 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 should 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.

★ Standard for consumer products

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

Comment Deadline: May 11, 2003

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 486A-486B-200x, Standard for Safety for Wire Connectors (Bulletin dated April 2003) (revision and redesignation of ANSI/UL 486A-1998)

Applies to connectors for use with all alloys of copper or aluminum conductors, or both, for providing contacts between current-carrying parts such as terminals, between lengths of wire and tap connectors, in accordance with either the Canadian Electrical Code, (C22.1 - Part I) in Canada, the National Electrical Code, NFPA-70 in the United States of America, or the Mexican Electrical Code (NOM-001-SEDE) in Mexico.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Dixie Stevens, UL-NC;
Dixie.W.Stevens@us.ul.com

Comment Deadline: May 26, 2003

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

New Standards

BSR T1.275-200x, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Unified Ordering Model (UOM-ASR Volume III) for Interface Across Jurisdictional Boundaries to Support the Access Service Request Functions (new standard)

This standard defines tML for the TMN X-interface (M.3010) to support the UOM-ASR. This standard uses tML Schemas for conveying request, response, notification, acknowledgement, and exception response information across an interactive interface. This standard allows access service customers to do the following interactions: Request, Response, Notification, Acknowledgement, and Exception Response.

Single copy price: \$352.00, Download Price: \$382.00, Paper Copy

Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

Revisions

BSR T1.105.03-200x, Telecommunications - Synchronous Optical Network (SONET) - Jitter at Network Interfaces (revision, redesignation and consolidation of ANSI T1.105.03-1994, ANSI T1.105.03a-1995 & ANSI T1.105.03b-1997)

This revised standard describes the jitter specifications that are applicable to SONET network and equipment interfaces (OC-N and STS-N), and jitter and wander specifications that are applicable to certain SONET payload signals (e.g., DS1 and DS3). This revision of the standard includes what was in the previous version of T1.105.03, T1.105.03 supplement A and T1.105.03 supplement B. It also updates the jitter specifications to include the SONET OC-192 interface.

Single copy price: \$175.00-Electronic Copy / \$196.00-Hard Copy

Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

DISA (ASC X12) (Data Interchange Standards Association, Inc.)

Revisions

BSR X12.1-200x, X12 Transactions Sets (dpANS Version 005000) (revision and redesignation of ANSI X12.1-1992)

This draft proposed ANS is a compilation of transaction sets for Electronic Data Interchange. A transaction set is the collection of data that is exchanged in order to convey meaning between the parties engaged in EDI.

Single copy price: \$30.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.3-200x, Data Element Dictionary (dpANS Version 00500) (revision and redesignation of ANSI X12.3-1997)

This draft proposed ANS contains the specifications of the data elements used to construct the segments that comprise the transaction sets of the ASC X12 series of American National Standards on Electronic Data Interchange.

Single copy price: \$40.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.5-200x, Interchange Control Structures (dpANS Version 00500) (revision and redesignation of ANSI X12.5-1997)

This draft proposed ANS defines the control structures for Electronic Data Interchange encoded transactions of ASC X12 (provides the interchange envelope of a header and trailer, and a structure to acknowledge the receipt and processing this envelope).

Single copy price: \$7.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.6-200x, Application Control Structures (dpANS Version 00500) (revision and redesignation of ANSI X12.6-1997)

This draft proposed ANS defines the structure of business transactions for computer-to-computer interchange by using a symbolic representation of X12 data independent of the physical representation (e.g., character set encoding).

Single copy price: \$7.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.22-200x, Segment Directory (dpANS Version 005000) (revision and redesignation of ANSI X12.22-1997)

This draft proposed ANS contains the format and definitions of the segments used to construct the transaction sets of the ASC X12 series of American National Standards on Electronic Data Interchange.

Single copy price: \$20.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.56-200x, Interconnect Mailbag Control Structures (dpANS Version 00500) (revision and redesignation of ANSI X12.56-1997)

This draft proposed ANS defines the control segments used to start and end a mailbag containing EDI data to be exchanged between two interconnecting entities.

Single copy price: \$7.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.58-200x, Security Structures (dpANS Version 00500) (revision and redesignation of ANSI X12.58-1997)

This draft proposed ANS defines the data formats for authentication, encryption, and assurances in order to provide integrity, confidentiality, and verification and non-repudiation of origin for two levels of exchange of EDI data.

Single copy price: \$7.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

BSR X12.59-200x, Implementation of EDI Structures - Semantic Impact (dpANS Version 00500) (revision and redesignation of ANSI X12.59-1997)

This draft proposed ANS describes the meaning that is to be associated with data due to their positioning within the exchange of X12 information, and the data relationships that can be inferred from the data structure.

Single copy price: \$7.00 USD for Paper (Note: Electronic Free)

Order from: DISA

Send comments (with copy to BSR) to: Yvonne Meding, DISA (ASC X12); ymeding@disa.org

IIAR (International Institute of Ammonia Refrigeration)

Supplements

BSR/IIAR 2a-200x, Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems (supplement to ANSI/IIAR 2-1999)

Standard for the design, fabrication, manufacture, installation and use of ammonia mechanical refrigerating systems.

Single copy price: \$0.00

Order from: Henry Fernandez, IIAR; (703) 312-4200

Send comments (with copy to BSR) to: Gene Troy, IIAR; iiar@iiar.org

ITI (INCITS)

Reaffirmations

INCITS/ISO/IEC 1539-1-1997 (R200x), Information Technology - Programming Languages - FORTRAN - Part 1: Base Language (reaffirmation of INCITS/ISO/IEC 1539-1-1997)

Comprises the specification of the Fortran language. With the limitations noted in 1.5.1, and the deletions described in Annex B, the syntax and semantics of Fortran 90 are contained entirely within Fortran 95.

Single copy price: \$18.00

Order from: ANSI

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

INCITS/ISO/IEC 7185-1990 (R200x), Programming Language PASCAL (reaffirmation of INCITS/ISO/IEC 7185-1990 (R1998))

This standard specifies the semantics and syntax of the computer programming language Pascal by specifying requirements for a processor and for a conforming program. Two levels of compliance are defined for both processors and programs.

Single copy price: \$18.00

Order from: ANSI

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

NISO (National Information Standards Organization)

New Standards

BSR/NISO Z39.29-200x, Bibliographic References (new standard)

This standard provides rules, guidelines and examples for the creation of bibliographic references to numerous types of print, audiovisual and electronic materials, both published and unpublished, arranged in fifteen broad categories. The bibliographic references should, as a minimum, result in a unique identification of most print and nonprint materials.

Single copy price: \$45.00, electronic file no charge

Order from: NISO Press

Send comments (with copy to BSR) to: Jane Thomson, NISO; nisoHQ@niso.org

NSF (NSF International)

Revisions

BSR/NSF 61-200x (i32), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000)

Issue 32 - Addition of normalization assumptions for well casing applications to Section 4.7: Normalization of contaminant concentrations.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: Gayle Smith, Chair, Drinking Water Additives, c/o Monica Leslie(734) 827-6826leslie@nsf.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 440-B-200x, Fiber Optic Terminology (new standard)

(SP-3-1384-RV2-1) The purpose of this Standard is to define commonly used terms, symbols and abbreviations for fiber optic applications.

Single copy price: Free

Order from: Global Engineering Documents; <http://global.ihs.com/>

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 604-17-200x, FOCIS17 - Fiber Optic Connector Intermateability Standard - Type MU (new standard)

(SP-3-0076) This document presents the intermateability standard for connectors with the commercial designation MU, and is issued as an addendum to TIA/EIA-604, Fiber Optic Connector Intermateability Standards.

Single copy price: \$58.00

Order from: Global Engineering Documents; <http://global.ihs.com/>

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

Revisions

BSR/TIA 758-A-200x, Customer-Owned Outside Plant Telecommunications Cabling (revision and redesignation of ANSI/TIA/EIA 758-1999)

(SP-3-3339-RV1) Provides requirements used in the design of the telecommunication pathways and spaces, and the cabling installed between buildings or points in a customer-owned campus environment.

Single copy price: \$115.00

Order from: Global Engineering Documents; <http://global.ihs.com/>

Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

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

BSR/UL 5C-200x, Standard for Safety for Surface Raceways and Fittings for Use with Data, Signal and Control Circuits (Bulletin Dated: April 11, 2003) (new standard)

These requirements cover surface raceways and fittings for use with Class 2 data, signal, and control circuits. These raceway systems are intended for mechanical protection and routing of circuits. They are not intended for applications which require the use of a raceway in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA;
Paul.E.Lloret@us.ul.com

BSR/UL 209-200x, Standard for Safety for Cellular Metal Floor Raceways and Fittings (Bulletin Dated: April 11, 2003) (new standard)

Covers cellular metal floor raceway systems intended to be installed as an integral part of the building structure and constructed for the installation of wires and cables in accordance with the National Electrical Code. These requirements do not cover rigid or flexible conduit, surface metal raceways and fittings, under-floor raceways and fittings, or other products of a similar nature. These requirements do not cover the structural aspects or properties of cellular metal floor units.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA;
Paul.E.Lloret@us.ul.com

BSR/UL 252A-200x, Compressed Gas Regulator Accessories (Bulletin Dated: April 9, 2003) (new standard)

The requirements cover accessories intended for direct connection to the low or delivery pressureside of compressed gas regulators. These devices are not intended for direct connection to high or storage cylinder pressures. Accessories covered by these requirements are intended for use with compressed gases such as air, carbon dioxide, inert gases, fuel gases, nitrogen, nitrous oxide and oxygen.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Gail Yee, UL-CA;
Gail.K.Yee@us.ul.com

BSR/UL 864-200x, Control Units for Fire Protective Signaling Systems (Bulletin Dated 4/9/03) (new standard)

These requirements cover discrete electrical control units and accessories for fire alarm systems to be employed in accordance with the following National Fire Protection Association (NFPA) Standards: NFPA 12, NFPA 12A, NFPA 13, NFPA 15, NFPA 16, NFPA 17, NFPA 17A, NFPA 70, NFPA 72, NFPA 92A, NFPA 92B, and NFPA 2001. The products covered by this standard are intended to be used in combination with other appliances and devices to form a commercial fire alarm system.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Michael Hieb, UL-CA;
michael.j.hieb@us.ul.com

BSR/UL 884-200x, Standard for Safety for Underfloor Raceways and Fittings (Bulletin Dated: April 11, 2003) (new standard)

UL 884 covers metal underfloor duct systems designed for use as raceways for the installation of wires and cables in accordance with the National Electrical Code. These requirements do not cover rigid or flexible conduit surface raceways, or other products of a similar nature that are covered by individual requirements separate from these requirements.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA;
Paul.E.Lloret@us.ul.com

Revisions

BSR/UL 5-200x, Standard for Safety for Surface Metal Raceways and Fittings (Bulletin Dated: April 11, 2003) (revision of ANSI/UL 5-2000)

These requirements cover surface metal raceways and fittings for use in accordance with the National Electrical Code, NFPA 70. These requirements do not cover cable trays, wireways or nonmetallic raceways.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Paul Lloret, UL-CA;
Paul.E.Lloret@us.ul.com

BSR/UL 252-200x, Compressed Gas Regulators (Bulletin Dated: April 9, 2003) (revision of ANSI/UL 252-1996)

The requirements cover regulators used to reduce the pressure of compressed industrial gases from a source or storage cylinder pressure of not more than 5500 psig (37.91 MPa) to the use pressure. Regulators covered by these requirements are intended for use with compressed gases such as air, carbon dioxide, inert gases, fuel gases, nitrogen, nitrogen oxide, and oxygen.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Gail Yee, UL-CA;
Gail.K.Yee@us.ul.com

- ★ BSR/UL 507-200x, Standard for Safety for Electric Fans (Bulletin dated April 14, 2003) (revision of ANSI/UL 507-2003a)

Proposed revisions resulting from the STP 507 Meeting on February 28, 2003.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tim Lupo, UL-NC;
Timothy.E.Lupo@us.ul.com

- ★ BSR/UL 705-200x, Power Ventilators (Bulletin dated April 14, 2003) (revision of ANSI/UL 705-200x)

Proposed revisions resulting from the STP 507 Meeting on February 28, 2003.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tim Lupo, UL-NC;
Timothy.E.Lupo@us.ul.com

BSR/UL 870-200x, Standard for Safety for Wireways, Auxiliary Gutters, and Associated Fittings (revision of ANSI/UL 870-1997)

These requirements cover wireways, auxiliary gutters, and associated fittings to be employed in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Megan Van Heirseele, UL-IL;
Megan.M.VanHeirseele@us.ul.com

- ★ BSR/UL 1838-200x, Standard for Safety for Low Voltage Landscape Lighting Systems (Bulletin dated April 2003) (revision of ANSI/UL 1838-2002)

Applies to low-voltage landscape lighting systems and components that may consist of an isolating type power unit, wiring, and luminaire. Only covers equipment where the maximum output of each secondary circuit is 25 A, 15 V ac (21.2 V peak) open circuit voltage, 300 VA. The luminaires intended for garden, walkway, patio areas, or similar outdoor locations and for certain indoor locations such as atriums and shopping malls.

Single copy price: \$Contact comm-2000 for pricing and delivery options

Order from: Comm2000

Send comments (with copy to BSR) to: Dixie Stevens, UL-NC;
Dixie.W.Stevens@us.ul.com

Comment Deadline: June 10, 2003

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

AAMI (Association for the Advancement of Medical Instrumentation)

New Standards

BSR/AAMI PB70-200x, Liquid Barrier Performance and Classification of Protective Apparel and Drapes Intended for Use in Health Care Facilities (new standard)

Establishes a barrier performance classification system for protective apparel and drapes used in health care facilities. It provides manufacturers with a consistent basis for creating device labeling claims regarding barrier efficacy against liquid-borne microorganisms.

Single copy price: \$25.00 (\$20.00 for AAMI members)

+shipping/handling for printed copy

Order from: AAMI (Attn: Customer Service)

Send comments (with copy to BSR) to: Joe Lewelling, AAMI; jlewelling@aami.org

New National Adoptions

BSR/AAMI/ISO 14971-2000, Medical Devices - Risk Management - Application of Risk Management to Medical Devices (identical national adoption and revision of ANSI/AAMI/ISO 14971-2000)

Specifies a process by which a manufacturer can identify the hazards associated with medical devices, including in vitro diagnostic medical devices, estimate and evaluate the risks, control these risks, and monitor the effectiveness of the control.

Single copy price: \$25.00 (\$20.00 for AAMI members)

Order from: Customer Service, AAMI

Send comments (with copy to BSR) to: Hillary Woehrle, AAMI; hwoehrle@aami.org

ACCA (Air Conditioning Contractors of America)

New Standards

BSR/ACCA Man J 2-200x, Standard for Residential Load Calculations (new standard)

Technical Manual (with tables and electronic spreadsheet) outlining the proper methods and procedures for accurately calculating the heat loss and heat gain of conventional residential structures.

Single copy price: \$79.00 Member, \$125.00 Non-Member

Order from: Courtney Cooper, ACCA; (888) 290-2220

Send comments (with copy to BSR) to: Dick Shaw, ACCA; shawddd@aol.com

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME B5.61-200x, Power Presses - General Purpose Single Action Straight Side Type (new standard)

This Standard applies to hydraulic and mechanical power presses commonly referred to by the metalworking industry as general purpose, single action, straight side type power presses that, by means of dies or tooling attached to the slide and bolster, are used to shear, punch, form or assemble metal or other materials.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org

Send comments (with copy to BSR) to: James Bird, ASME; birdj@asme.org

Revisions

BSR/ASME B5.52M-200x, Power Presses - General Purpose Single Point Gap Type (Metric) (revision of ANSI/ASME B5.52M-1980 (R2002))

This Standard applies to hydraulic and mechanical power presses having a one-piece frame that guides the slide and supports the bolster, adjustable bed, or horn. The frame is configured to provide unrestricted access to the front and sides of the die space. By means of dies or tooling attached to the slide and bolster or horn, these machines are used to shear, punch, form or assemble metal or other materials.

Single copy price: \$10.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguez@asme.org

Send comments (with copy to BSR) to: James Bird, ASME; birdj@asme.org

CSA (CSA America, Inc.)

Supplements

BSR/IAS NGV 4.2a, Hoses for Natural Gas Vehicles and Dispensing Systems (same as CSA 12.52a) (supplement to ANSI/IAS NGV 4.2/CSA 12.52-1999)

Applies to compressed natural gas hose assemblies which are used (1) for NGV dispensing stations to connect the dispenser to the refueling nozzle, or (2) as part of a vehicle on-board fuel system and for gas lines which carry vented gas back to a safe location. Hose assemblies may be assembled at the point of manufacture of the bulk hose, or at hose assembly facilities authorized by the bulk hose manufacturer. This standard does not apply to hoses which are utilized at less than 2 psig.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

DASMA (Door and Access Systems Manufacturers Association)

New Standards

- ★ BSR/DASMA 205-200x, Standard Method for Testing Rolling Steel Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (new standard)

This test method determines the performance of rolling steel doors impacted by missiles and subsequently subjected to cyclic static pressure differentials. The performance determined by this test method relates to the ability of the rolling steel door to remain unbreached during a windstorm due to windborne debris. Water exposure conditions shall not be a part of this standard.

Single copy price: Free

Order from: R.Christopher Johnson, DASMA; dasma@taol.com

Send comments (with copy to BSR) to: Same

- ★ BSR/DASMA 206-200x, Standard Method for Testing Rolling Steel Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference (new standard)

This test method describes the determination of the structural performance of door systems under uniform static air pressure difference, using a test chamber. This test method is intended only for evaluating the structural performance associated with the specified test specimen and not the structural performance of adjacent construction. The proper use of this test method requires a knowledge of the principles of pressure and deflection measurement.

Single copy price: Free

Order from: R.Christopher Johnson, DASMA; dasma@taol.com

Send comments (with copy to BSR) to: Same

Revisions

BSR/DASMA 102-200x, Specifications for Sectional Doors (revision of ANSI/DASMA 102-1996)

This specification for sectional doors, as defined in Section 2, is intended to cover residential and commercial type doors normally used on garages, warehouses, factories, service stations, and other places requiring doors generally used for vehicular traffic.

Single copy price: Free

Order from: R.Christopher Johnson, DASMA; dasma@taol.com
Send comments (with copy to BSR) to: Same

ESTA (ASC E1) (Entertainment Services and Technology Association)**New Standards**

BSR E1.22-200x, Entertainment Technology - Fire Curtain Systems (new standard)

This draft standard governs the materials, fabrication, installation, operation, testing, and maintenance of Fire Safety Curtains and Fire Safety Curtain systems used for theatre proscenium opening protection. These systems are designed to restrict the passage of heat, gases, smoke, and flame from the stage to the audience area to allow for the safe and orderly egress of people from the audience chamber.

Single copy price: Free

Order from: Karl Ruling, ESTA (ASC E1); kruling@esta.org
Send comments (with copy to BSR) to: Same

HL7 (Health Level Seven)**Revisions**

BSR/HL7 V2.5-200x, Health Level Seven Standard Version 2.5 - An Application Protocol for Electronic Data Exchange in Healthcare (revision of ANSI/HL7 V2.4-2000)

Various changes to data types, field lengths, and SFT segments in messages found in chapters 2 and 2A, 4, 7, 8, 10 and 15. Chapter 15 added two fields. Various other minor substantive changes made to chapters noted above. Changes are noted at the beginning of each chapter.

Single copy price: \$450.00 (non-member)

Order from: Diana Stephens, HL7; Diana@HL7.org
Send comments (with copy to BSR) to: Karen Van Hentenryck, HL7; karenvan@hl7.org

IEEE (Institute of Electrical and Electronics Engineers)**New Standards**

BSR/IEEE 181-2003, Standard on Transitions, Pulses, and Related Waveforms (new standard)

Provides definitions of terms pertaining to transitions, pulses, and related waveforms and provides definitions and descriptions of techniques and procedures for measuring their parameters. The waveforms considered in this standard are those that make a number of transitions and that remain relatively constant in the time intervals between transitions.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4341
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1048-200x, Guide for Protective Grounding of Power Lines (new standard)

Provides guidelines for grounding methods to protect workers and the public from voltages that might develop in the work area during de-energized maintenance of overhead transmission and distribution lines.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4342
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1124-2003, Guide for Analysis and Definition of DC Side Harmonic Performance of HVDC Transmission Systems (new standard)

Contains information and recommendations pertaining to the analysis and specification of the performance on the dc side of a high-voltage direct-current converter station concerning electrical noise at harmonic frequencies up to 5 kHz generated by converter stations in a dc transmission system. Also contains information and suggestions pertaining to measurement of dc filter performance and noise level induced in wireline communications circuits from harmonic currents on dc transmission lines.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1149.6-2003, Standard for Boundary-Scan Testing of Advanced Digital Networks (new standard)

Defines extensions to IEEE Std 1149.1 to standardize the Boundary-Scan structures and methods required to ensure simple, robust, and minimally intrusive Boundary-Scan testing of advanced digital networks. Also specifies software and BSDL extensions to IEEE Std 1149.1, which are required to support new I/O test structures.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4334
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1159.3-2003, Recommended Practice for the Transfer of Power Quality Data (new standard)

Develops a recommended practice for a file format suitable for exchanging power quality related measurement and simulation data in a vendor independent manner.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4335
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1361-2003, Guide for Selection, Charging, Test and Evaluation of Lead-Acid Batteries Used in Stand-Alone Photovoltaic (PV) Systems (new standard)

Provides guidance in understanding lead-acid battery charging requirements in relation to the operational parameters that affect overall PV system design and battery performance. Aids in battery selection, evaluation, and PV system design.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4336
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1512.1-200x, Standard for Traffic Incident Management Message Sets for Use by Emergency Management Centers (new standard)

Companion volume to IEEE Standard for Common Incident Management Message Sets For Use By Emergency Management Centers. Specifies message sets, data frames and data elements for communicating information about traffic and infrastructure management in support of real-time interagency transportation-related incident management.

Single copy price: \$83.00 (Non-Member); \$67.00 (Member)

Order from: IEEE Customer Service: 800-678-4337
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1516.3-2003, Recommended Practice for High Level Architecture (HLA) Federation Development and Execution Process (FEDEP) (new standard)

Defines the processes and procedures that should be followed by users of the High Level Architecture (HLA) to develop and execute federations.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4338
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1613-2003, Standard Environmental and Testing Requirements for Communications Networking Devices in Electric Power Substations (new standard)

Specifies standard service conditions, standard ratings, environmental performance requirements and testing requirements for communications networking devices installed in electric power substations.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4339

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE C37.74-200x, Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV (new standard)

Applies to enclosed assemblies of single-phase and three-phase, dead-front and live-front, subsurface, vault, and padmounted, load-interrupter switches with or without protective devices such as fuses or fault interrupters, up to 38 kV Rated Maximum Voltage.

Single copy price: N/A

Order from: IEEE Customer Service: 800-678-4340

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

Revisions

BSR/IEEE C37.60-2003, Standard Requirements for Overhead, Pad Mounted, Dry Vault, and Submersible Automatic Circuit Reclosers and Fault Interrupters for Alternating Current Systems up to 38 kV (revision of ANSI/IEEE C37.60-1981 (R1993))

Applies to all overhead, pad mounted, dry vault and submersible single or multi-pole alternating current automatic circuit reclosers and fault interrupters for rated maximum voltages above 1000 V and up to 38 kV.

Single copy price: \$41.00 (Non-Member); \$33.00 (Member)

Order from: IEEE Customer Service: 800-678-4343

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

Reaffirmations

BSR/IEEE 280-1985 (R2003), Standard Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering (reaffirmation of ANSI/IEEE 280-1985 (R1997))

Covers letter symbols used to represent physical quantities in the field of electrical science and electrical engineering. The symbols are independent of the units employed or special values assigned.

Single copy price: \$63.00 (Non-Member); \$50.00 (Member)

Order from: IEEE Customer Service: 800-678-4344

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 442-1981 (R200x), Guide for Soil Thermal Resistivity Measurements (reaffirmation of ANSI/IEEE 442-1981 (R1996))

Covers the measurement of soil thermal resistivity. A thorough knowledge of the thermal properties of a soil will enable the user to properly install and load underground cables.

Single copy price: \$72.00 (Non-Member); \$57.00 (Member)

Order from: IEEE Customer Service: 800-678-4345

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 671-1985 (R200x), Standard Specification Format Guide and Test Procedure for Nongyroscopic Inertial Angular Sensors: Jerk, Acceleration, Velocity, and Displacement (reaffirmation of ANSI/IEEE 671-1985 (R1997))

Defines the requirements and test procedures for a [single, multi-] axis nongyroscopic angular [jerk, acceleration, velocity, displacement] sensor. The output is [an analog signal, a digital electrical pulse train] proportional to angular [jerk, acceleration, velocity, displacement].

Single copy price: \$83.00 (Non-Member); \$66.00 (Member)

Order from: IEEE Customer Service: 800-678-4346

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 848-1996 (R200x), Standard Procedure for the Determination of the Ampacity Derating of Fire-Protected Cables (reaffirmation of ANSI/IEEE 848-1996)

Provides a test procedure for use in establishing the ampacity or ampacity derating factor for cables installed in fire-protected conduits, trays, or free-air drops, cable-penetration fire stops, or electrical separation wrap systems.

Single copy price: \$90.00 (Non-Member); \$72.00 (Member)

Order from: IEEE Customer Service: 800-678-4347

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 952-1997 (R200x), Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros (reaffirmation of ANSI/IEEE 952-1997)

Defines requirements for a single-axis interferometric fiber optic gyro (IFOG), including any necessary electronics, to be used in [an attitude control system, an angular displacement measuring system, an angular rate measuring system, etc.].

Single copy price: \$102.00 (Non-Member); \$81.00 (Member)

Order from: IEEE Customer Service: 800-678-4348

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

BSR/IEEE 1284.1-1997 (R200x), Standard for Information Technology - Transport Independent Printer/System Interface (TIP/SI) (reaffirmation of ANSI/IEEE 1284.1-1997)

Defines a standard protocol for the control of printers that is independent of the underlying data stream or page description language (PDL) used to create the printed page. This protocol is usable by all classes of printers.

Single copy price: \$111.00 (Non-Member); \$89.00 (Member)

Order from: IEEE Customer Service: 800-678-4349

Send comments (with copy to BSR) to: David Ringle, IEEE;
d.ringle@ieee.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standards

BSR C78.1650-200x, Consolidation of Single-Ended Metal-Halide Lamps (new standard)

This new standard concerns Metal-halide lamp designations that are assigned in accordance with ANSI C78.380. To include at this time the following wattages and Lamp Code Designations: 175-Watt, M152 Lamps; 250-Watt, M153 Lamps; 320-Watt, M154 Lamps; 400-Watt, M155 Lamps.

Single copy price: \$78.00

Order from: Randolph N. Roy, NEMA (ASC C78); ran_roy@nema.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

- ★ BSR/UL 1786-200x, Standard for Safety for Direct Plug-In Portable Nightlights (Bulletin dated April 2003) (new standard)

Applies to direct plug-in nightlights not exceeding 10 W input, for indoor use only, in non-hazardous locations and intended to be used in accordance with Canadian Electrical Code, Part 1 (CE Code Part 1) and the ANSI/NFPA 70 National Electrical Code (NEC). Light source types include, incandescent candelabra base lamps, non-replaceable lamps (fluorescent, neon, or light emitting diode (LED) type), or electroluminescent panels.

Single copy price: \$Contact comm-2000 for pricing and delivery options

Order from: Comm2000

Send comments (with copy to BSR) to: Dixie Stevens, UL-NC;
Dixie.W.Stevens@us.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:

EIA (Electronic Industries Alliance)

BSR/EIA PN-4888-200x, Consensus Data Management Standard Development (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA PN-30015, Qsig/SIP Mapping (new standard)

BSR/TIA/EIA PN-4884, PSS1 Specification, Functional Model and Information Flows for Call Diversion (new standard)

BSR/TIA/EIA PN-4885, PSS1 Specification, Functional Model and Information Flows for Name Identification (new standard)

BSR/TIA/EIA PN-4886, PSS1 Interexchange Signalling Protocol for Name Identification (new standard)

Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

Trial use period: June 3, 2003 through December 4, 2004

IEEE (Institute of Electrical and Electronics Engineers)

BSR C57.13.5-2003, Trial-Use Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above (trial use standard)

Applies to new single-phase instrument transformers of a nominal system voltage of 115 kV and above with capacitive insulation system for line-to-ground connection and for both indoor and outdoor application.

Order from: David Ringle, IEEE; d.ringle@ieee.org
Send comments (with copy to BSR) to: Same

Trial use period: March 26, 2003 through September 26, 2004

ASC X9 (Accredited Standards Committee X9, Incorporated)

BSR DSTU X9.37-2003, Specifications for an Electronic Exchange of Check & Image Data (trial use standard)

This standard, including the normative annexes, establishes the file sequences, record types, and field formats to be used for the electronic exchange of check MICR line, associated check processing data and check images in the form of cash letters.

Single copy price: \$25.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org
Send comments (with copy to BSR) to: Same

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/IEEE 592-1990 (R1996), Exposed Semiconducting Shields on High-Voltage Cable Joints and Separable Insulated Connectors

ANSI/IEEE 802.6-1994, Information Technology - Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 6: Distributed Queue Dual Bus (DQDB) Access Method and Physical Layer Specifications (contains ANSI/IEEE 802.6-1990, 802.6d-1994, and 802.6f-1994)

ANSI/IEEE 802.7-1989 (R1997), Recommended Practices for Broad Band Local Area Networks (LAN)

ANSI/IEEE 896.10-1997, Futurebus+ Spaceborne Systems, Profile "S"

ANSI/IEEE 993-1997, Test Equipment Description Language (TEDL)

ANSI/IEEE 1149.5-1995, Module Test and Maintenance (MTM) Bus Protocol

ANSI/IEEE 1156.4-1997, Environmental Specifications for Spaceborne Computer Modules

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI C63.7-1992, Guide for Construction of Open-Area Test Sites for Performing Radiated Emission Measurements

ANSI/IEEE 56-1977 (R1992), Insulation Maintenance of Large Alternating-Current Rotating Machinery (10 kVA and Larger), Guide for

ANSI/IEEE 81.2-1992, Guide for the Measurement of Impedance and Safety Characteristics of Large, Extended, or Interconnected Grounding Systems

ANSI/IEEE 94-1992, Recommended Practice for Definitions of Terms for Automatic Generation Control on Electric Power Systems

ANSI/IEEE 96-1992, General Principles for Rating Electric Apparatus for Short-Time Intermittent or Varying Duty

ANSI/IEEE 117-1974 (R1992), Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery, Test Procedure for

ANSI/IEEE 118-1992, Test Code for Resistance Measurements

ANSI/IEEE 268-1992, Metric Practice

ANSI/IEEE 304-1977 (R1992), Evaluation and Classification of Insulation Systems for DC Machines, Test Procedure for

ANSI/IEEE 383-1974 (R1992), Type Test of Class 1E Electric Cables, Field Splices, and Connections for Nuclear Power Generating Stations

ANSI/IEEE 421.5-1992, Recommended Practice for Excitation System Models for Power System Stability Studies

ANSI/IEEE 430-1986 (R1992), Overhead Power Lines and Substations, Procedures for the Measurement of Radio Noise from

ANSI/IEEE 495-1986 (R1992), Testing Faulted Circuit Indicators, Guide for

ANSI/IEEE 510-1992, Safety in High-Voltage and High-Power Testing

ANSI/IEEE 590-1992, Cable Plowing Guide

ANSI/IEEE 643-1980 (R1992), Power-Line Carrier Applications, Guide for

ANSI/IEEE 802.5d-1992, Information Processing Systems - Local Area Networks: Interconnected Token Ring Access Method and Physical Layer Specification - Interconnected Token Ring LANs

ANSI/IEEE 802.5g-1992, Information Processing Systems - Local Area Networks: Token Ring Access Method and Physical Layer Specifications - Conformance Testing

ANSI/IEEE 1003.5-1992, Information Technology - POSIX Ada Language Interfaces - Part 1: Binding for System Application Program Interface (API)

ANSI/IEEE 1003.9-1993, Information Technology - POSIX FORTRAN 77 Language Interfaces - Part 1: Binding for System API

ANSI/IEEE 1008-1987, Software Unit Testing

ANSI/IEEE 1017-1992, Recommended Practice for Field Testing Electric Submersible Pump Cable

ANSI/IEEE 1018-1992, Recommended Practice for Specifying Electric Submersible Pump Cable - Ethylene-Propylene Rubber Insulation

ANSI/IEEE 1019-1992, Recommended Practice for Specifying Electric Submersible Pump Cable - Polypropylene Insulation

ANSI/IEEE 1029.1-1992, Waveform and Vector Exchange (WAVES)

ANSI/IEEE 1137-1992, Guide for the Implementation of Inductive Coordination Mitigation Techniques and Applications

ANSI/IEEE 1596-1992, Scalable Coherent Interface (SCI)

ANSI/IEEE C37.23-1987 (R1992), Metal-Enclosed Bus and Calculating Losses in Isolated-Phase Bus, Guide for

ANSI/IEEE C37.61-1973 (R1993), Application, Operation, and Maintenance of Automatic Circuit Reclosers, Guide for the

ANSI/IEEE C37.081-1981 (R1988), Fault Testing of AC High-Voltage Circuit Breakers Rated on a Symmetrical Basis, Guide for Synthetic

ANSI/IEEE C37.97-1979, Guide for Protective Relay Applications to Power System Buses

ANSI/IEEE C57.13-1978 (R1987), Instrument Transformers, Requirements for

ANSI/IEEE C57.91-1981 (R1992), Distribution Transformers Rated 500 kVA and Less with 55 C or 65 C Average Winding Rise, Guide for Loading Mineral Oil-Immersed Overhead and Pad-Mounted

ANSI/IEEE C57.95-1984 (R1992), Regulators, Guide for Loading Liquid-Immersed Step-Voltage and Induction-Voltage

ANSI/IEEE C62.22-1992, Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems

ANSI/IEEE C62.47-1992, Guide on Electrostatic Discharge (ESD): Characterization of the ESD Environment

ANSI/IEEE C2 1943-1990, National Electrical Safety Code Interpretation Collections, 1943-1990, Inclusive (NOT AN AMERICAN NATIONAL STANDARD)

Call for Comment Contact Information

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

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of Medical Instrumentation
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Fax: (703) 276-0793
Web: www.aami.org

ACCA

Air Conditioning Contractors of
America
2800 Shirlington Road Suite 300
Arlington, VA 22206
Phone: (888) 290-2220
Fax: (231) 854-1488
Web: www.acca.org

ANSI

American National Standards
Institute
25 West 43rd Street
4th Floor
New York, NY 10036
Phone: (212) 642-4980
Web: www.ansi.org

ASC X9

American Bankers Association
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Fax: (410) 663-7554
Web: www.9.org

ASME

American Society of Mechanical
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3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8460
Fax: (212) 591-8501
Web: www.asme.org

ATIS (ASC T1)

Alliance for Telecommunications
Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8839
Fax: (202) 347-7125
Web: www.atis.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515
Web: www.comm-2000.com

CSA

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463

DASMA

Door and Access Systems
Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333
Fax: (216) 241-0105

DISA (ASC X12)

ASC X12
333 John Carlyle Street, Suite 600
Alexandria, VA 22314
Phone: (703) 548-7005 x150
Fax: (703) 548-5738
Web: www.disa.org

ESTA (ASC E1)

Entertainment Services and
Technology Association
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New York, NY 10001
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

Global Engineering Documents

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Phone: (800) 854-7179
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227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777
Fax: (734) 677-6622
Web: www.hl7.org

IEEE

Institute of Electrical and
Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

IAR

International Institute of Ammonia
Refrigeration
1110 North Glebe Road Suite 250
Arlington, VA 22201
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iar.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

NISO

National Information Standards
Organization
4733 Bethesda Avenue, Suite 300
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NSF

NSF International
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Web: www.nsf.org

UL-NC

Underwriters Laboratories, Inc.
12 Laboratory Drive, PO Box
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Research Triangle Park, NC
27709-3995
Phone: (919) 549-1885
Fax: (919) 547-6182

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AAMI

Association for the Advancement
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ASME

American Society of Mechanical
Engineers
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New York, NY 10016
Phone: (212) 591-8460
Fax: (212) 591-8501
Web: www.asme.org

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Washington, DC 20005
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Fax: (202) 347-7125
Web: www.atis.org

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CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463

DASMA

Door and Access Systems
Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333
Fax: (216) 241-0105

DISA (ASC X12)

ASC X12
333 John Carlyle Street, Suite 600
Alexandria, VA 22314
Phone: (703) 548-7005 x150
Fax: (703) 548-5738
Web: www.disa.org

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Entertainment Services and
Technology Association
875 Sixth Avenue, Suite 1005
New York, NY 10001
Phone: (212) 244-1505
Fax: (212) 244-1502

Web: www.esta.org

HL7

Health Level Seven
3300 Washtenaw Avenue, Suite
227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777 x104
Fax: (734) 677-6622
Web: www.hl7.org

IEEE

Institute of Electrical and
Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

IJAR

International Institute of Ammonia
Refrigeration
1110 North Glebe Road Suite 250
Arlington, VA 22201
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

ITI (INCITS)

INCITS Secretariat/ITI
1250 Eye Street, NW, Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.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

NISO

National Information Standards
Organization
4733 Bethesda Avenue, Suite 300
Bethesda, MD 20814
Phone: (301) 654-2512
Fax: (301) 654-1721
Web: www.niso.org

NSF

NSF International
P.O. Box 130140
Ann Arbor, MI 48113-0140
Phone: (734) 913-5719
Fax: (734) 769-5195
Web: www.nsf.org

TIA

Telecommunications Industry
Association
2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL-CA

Underwriters Laboratories Inc.
1655 Scott Blvd
Santa Clara, CA 95050
Phone: (408) 985-2400 x32404
Fax: (408) 556-6045

UL-IL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2881
Fax: (847) 313-2881

UL-NC

Underwriters Laboratories, Inc.
12 Laboratory Drive, PO Box
13995
Research Triangle Park, NC
27709-3995
Phone: (919) 549-1885
Fax: (919) 547-6182

Initiation of Canvasses

The following ANSI-accredited standards developers have announced their intent to conduct a canvass on the proposed American National Standard(s) listed herein in order to develop evidence of consensus for submittal to ANSI for approval as an American National Standard. Directly and materially affected interests wishing to participate as a member of a canvass list, i.e., consensus body, should contact the sponsor of the standard within 30 days of the publication date of this issue of Standards Action. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for information with regard to canvass standards maintained under the continuous maintenance option.

CEMA (Conveyor Equipment Manufacturers Association)

Office: 6724 Lone Oak Blvd.
Naples, FL 34109

Contact: Philip Hannigan

Phone: (941) 514-3441

Fax: (941) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA 300-200x, Screw Conveyors - Dimensional Standards (new standard)

BSR/CEMA 401-200x, Roller Conveyors Non-Powered (new standard)

BSR/CEMA 404-200x, Chain Driven Live Roller Conveyors (new standard)

BSR/CEMA 405-200x, Slat Conveyors (new standard)

BSR/CEMA 406-200x, Lineshaft Driven Live Roller Conveyors (new standard)

CSA (CSA America, Inc.)

Office: 8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Contact: Allen Callahan

Phone: (216) 524-4990

Fax: (216) 642-3463

E-mail: al.callahan@csa-america.org

BSR/IAS NGV 4.2a, Hoses for Natural Gas Vehicles and Dispensing Systems (same as CSA 12.52a) (supplement to ANSI/IAS NGV 4.2/CSA 12.52-1999)

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: R.Christopher Johnson

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: dasma@taol.com

BSR/DASMA 102-200x, Specifications for Sectional Doors (revision of ANSI/DASMA 102-1996)

BSR/DASMA 206-200x, Standard Method for Testing Rolling Steel Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference (new standard)

IIAR (International Institute of Ammonia Refrigeration)

Office: 1110 North Glebe Road Suite 250
Arlington, VA 22201

Contact: Gene Troy

Phone: (703) 312-4200

Fax: (703) 312-0065

E-mail: iiar@iiar.org

BSR/IIAR 2a-200x, Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems (supplement to ANSI/IIAR 2-1999)

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20195-0999

Contact: Kent Perkins

Phone: (703) 620-6003

Fax: (703) 620-5071

E-mail: kperkins@rvia.org

BSR/RVIA UPA-1-200x, Uniform Plan Approval (revision of ANSI/RVIA UPA-1-2000)

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.

ASAE (American Society of Agricultural Engineers)

Revisions

- ★ ANSI/ASAE S525-1.2-2003, Agricultural Cabs - Engineering Control of Environmental Air Quality - Part 1: Definitions, Test Methods, and Safety Practices (revision and redesignation of ANSI/ASAE S525-1.1-MAY98): 4/7/2003

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

New Standards

ANSI/ASHRAE 41.10-2003, Flowmeter Test Methods for Mass Flow Measurements of Volatile Refrigerants (new standard): 4/3/2003

Revisions

ANSI/ASHRAE 118.1-2003, Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment (revision of ANSI/ASHRAE 118.1-1993): 4/3/2003

Supplements

- ANSI/ASHRAE 34b-2003, Number Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-1992): 4/3/2003
- ANSI/ASHRAE 34d-2003, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-1992): 4/3/2003
- ANSI/ASHRAE 34e-2003, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-1992): 4/3/2003
- ANSI/ASHRAE 62o-2003, Ventilation for Acceptable Indoor Air Quality (supplement to ANSI/ASHRAE 62-1989): 4/2/2003
- ANSI/ASHRAE 90.2e-2003, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993): 4/3/2003
- ANSI/ASHRAE 90.2b-2003, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993): 4/3/2003
- ANSI/ASHRAE 90.2c-2003, Energy Efficient Design of New Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-1993): 4/3/2003
- ANSI/ASHRAE 135b-2001, BACNET - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-1995): 4/3/2003
- ANSI/ASHRAE/IESNA 90.1m-2003, Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001): 4/3/2003
- ANSI/ASHRAE/IESNA 90.1a-2003, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999): 4/3/2003

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B73.3M-2003, Specification for Sealless Horizontal End Suction (revision of ANSI/ASME B73.3M-1997): 4/3/2003

ANSI/ASME PALD-2003, Safety Standard for Portable Automotive Lifting Devices (revision of ANSI/ASME PALD-1997): 4/2/2003

CSA (ASC Z21/83) (CSA America, Inc.)

Supplements

ANSI Z21.69a-2003, Connectors for Movable Gas Appliances (same as CGA 6.16a) (supplement to ANSI Z21.69-200x): 4/3/2003

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

New Standards

ANSI INCITS 350-2003, Information Technology - Fibre Channel Protocol for SCSI, Second Version (FCP-2) (new standard): 4/7/2003

ANSI INCITS 366-2003, Information Technology -SCSI Architecture Model - 2 (SAM-2) (new standard): 4/2/2003

Supplements

ANSI INCITS 332:1999/AM1-2003, Information technology - Fibre Channel Arbitrated Loop (FC-AL-2) Amendment 1 (supplement to ANSI INCITS 332-1999): 4/7/2003

TIA (Telecommunications Industry Association)

Reaffirmations

ANSI/TIA 688-1997 (R2003), DTE/DCE Interface for Digital Cellular Equipment (reaffirmation and redesignation of ANSI/TIA/EIA 688-1997): 4/8/2003

Withdrawals

- ANSI/TIA/EIA 573BA00-1993, Blank Detail Specification for Field-Portable Optical-Fiber Stripping Tools (withdrawal of ANSI/TIA/EIA 573BA00-1993): 4/7/2003
- ANSI/TIA/EIA 573AA00-1993, Blank Detail Specification for Field-Portable Optical Fiber Cleaving Tools (withdrawal of ANSI/TIA/EIA 573AA00-1993): 4/7/2003
- ANSI/TIA/EIA 573DA00-1998, Blank Detail Specification for Field-Portable Polishing Devices (withdrawal of ANSI/TIA/EIA 573DA00-1998): 4/7/2003
- ANSI/TIA/EIA 573CA00-1998, Blank Detail Specification for Field-Portable Optical Microscopes (withdrawal of ANSI/TIA/EIA 573CA00-1998): 4/7/2003
- ANSI/TIA/EIA 573C000-1998, Sectional Specification for Field-Portable Optical Microscopes (withdrawal of ANSI/TIA/EIA 573C000-1998): 4/7/2003
- ANSI/TIA/EIA 573D000-1998, Sectional Specification for Field-Portable Polishing Devices for Preparation of Optical Fibers (withdrawal of ANSI/TIA/EIA 573D000-1998): 4/7/2003
- ANSI/TIA/EIA 573A000-A-1999, Sectional Specification for Field-Portable Optical-Fiber Cleaving Tools (withdrawal of ANSI/TIA/EIA 573A000-A-1999): 4/7/2003

ANSI/TIA/EIA 573B000-A-1999, Sectional Specification for
Field-Portable Single-Optical Fiber Stripping Tools (withdrawal of
ANSI/TIA/EIA 573B000-A-1999): 4/7/2003

ANSI/TIA/EIA 5730000-A-1999, Generic Specification for
Field-Portable Fiber-Optic Tools (withdrawal of ANSI/TIA/EIA
5730000-A-1999): 4/7/2003

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 198M-2003, Mine-Duty Fuses (revision of ANSI/UL
198M-1994): 4/1/2003

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards (January 2003 edition).

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from ANSI-accredited standards developers that utilize the periodic maintenance option in connection with their standards. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for comparable information with regard to standards maintained under the continuous maintenance option. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

AA (ASC H35) (Aluminum Association)

Office: 900 19th Street, NW, Suite 300
Washington, DC 20006

Contact: Peter Pollak

Fax: (202) 862-5164

E-mail: ppollak@aluminum.org

BSR H35.1-200x, Alloy and Temper Designations for Aluminum
(revision of ANSI H35.1-2003)

Covers systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and the tempers in which wrought products and castings are produced.

BSR H35.1(M)-200x, Alloy and Temper Designation Systems for
Aluminum (revision of ANSI H35.1(M)-2003)

Covers systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and the tempers in which wrought products and castings are produced.

BSR H35.2-200x, Dimensional Tolerances for Aluminum Mill Product
(revision of ANSI H35.2-2003)

This standard includes dimensional tolerance for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis of dimensional tolerances specified in government, technical societies and other specifications for aluminum.

BSR H35.2(M)-200x, Dimensional Tolerances for Aluminum Mill
Product (revision of ANSI H35.2(M)-2003)

This standard includes dimensional tolerance for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis of dimensional tolerances specified in government, technical societies and other specifications for aluminum.

BSR H35.3-200x, Designation System for Aluminum Hardeners
(revision of ANSI H35.3-1997 (R2003))

Covers a system for designating aluminum hardeners used primarily for the addition of alloying, or grain refining elements, or modifiers to aluminum alloy melts.

BSR H35.4-200x, Unalloyed Aluminum (revision of ANSI H35.4-2003)

This standard provides a system for designating unalloyed aluminum not made by a refining process and used primarily for remelting

BSR H35.5-1993 (R200x), Nomenclature System for Aluminum Metal
Matrix Composite Materials (reaffirmation of ANSI H35.5-1993
(R2003))

Covers system for designating wrought and cast aluminum metal matrix composite materials by appending suffixes to existing aluminum designation systems, including generic tempers

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

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

Contact: Susan Carioti

Fax: (202) 347-7125

E-mail: scarioti@atis.org

BSR T1.416.04-200x, Network and Customer Installation Interfaces -
SONET Physical Layer Interface and Mapping Specifications for
ATM Applications (new standard)

This standard is a revision of the SONET information relating to the transport of ATM payloads in T1.646-1995 and replaces the relevant

clauses of that standard in their entirety. This standard provides NI compatibility information and is not meant to be an equipment specification.

CEMA (Conveyer Equipment Manufacturers Association)

Office: 6724 Lone Oak Blvd.
Naples, FL 34109

Contact: Philip Hannigan

Fax: (941) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA 401-200x, Roller Conveyors Non-Powered (new standard)

Establishes nomenclature, certain minimum standards, and application guidelines for use in manufacturing and applying unit handling, non-powered, roller conveyors.

BSR/CEMA 404-200x, Chain Driven Live Roller Conveyors (new
standard)

Establishes nomenclature, certain minimum standards, and application guidelines for use in manufacturing and applying unit handling, chain driven, live roller conveyors.

BSR/CEMA 405-200x, Slat Conveyors (new standard)

Establishes nomenclature, certain minimum standards, and application guidelines for use in manufacturing and applying unit handling, slat conveyors.

BSR/CEMA 406-200x, Lineshaft Driven Live Roller Conveyors (new
standard)

Establishes nomenclature, certain minimum standards, and application guidelines for use in manufacturing and applying unit handling, lineshaft driven, live roller conveyors.

CSA (ASC Z21/83) (CSA America, Inc.)

Office: 8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Contact: *Allen Callahan*

Fax: (216) 642-3463

E-mail: al.callahan@csa-america.org

BSR Z83.11a-200x, Gas Food Service Equipment (same as CGA 1.8a-1997) (supplement to ANSI Z83.11-1996 (R2002))

Details test and examination criteria for ranges and unit broilers, baking and roasting ovens, deep fat fryers, counter appliances and kettles, steam cookers and steam generators for use with natural, manufactured and mixed gases, liquefied petroleum gases, propane gas and LP gas-air mixtures.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331

Contact: *Angela Ortiz*

Fax: (732) 562-1571

E-mail: a.ortiz@ieee.org

BSR/IEEE 802.3ak-200x, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Physical Layer and Management Parameters for 10 Gb/s Operation, Type 10GBASE-CX4 (supplement to)

The scope of this project is to specify additions to and appropriate modifications of IEEE Std 802.3 as amended by IEEE Std 802.3ae-2002 (and any other approved amendment or corrigendum) to add a copper Physical Medium Dependent (PMD) option for 10 Gb/s operation, building upon the existing 10GBASE-X Physical Coding Sublayer (PCS) and 10 Gigabit Attachment Unit Interface (XAUI) specifications.

BSR/IEEE 802.11ma-200x, Standard for Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment x: Technical corrections and clarifications (supplement to)

The scope of this project is limited to maintenance changes (editorial and technical corrections) to 802.11-1999, 2003 edition (incorporating 802.11a-1999, 802.11b-1999, 802.11b-1999 corrigendum 1-2001, and 802.11d-2001).

BSR/IEEE 836-200x, Recommended Practice for Precision Centrifuge Testing of Linear Accelerometers (revision of ANSI/IEEE 836-2001)

Change g units in text of Std. 836-2001 to metric units to conform to IEEE requirements, with informative footnotes giving the equivalent g unit values, since g units are commonly used in the aerospace industry. Also make other changes and additions as deemed necessary. Previous scope: Generate errata and/or revisions to the existing Std. 836-1991.

BSR/IEEE 1451.0-200x, Standard for a Smart Transducer Interface for Sensors and Actuators - Common Functions, Communication Protocols, and Transducer Electronic Data Sheet (TEDS) Formats (new standard)

This project develops a set of common functionality for the family of IEEE P1451 smart transducer interface standards. This functionality is independent of the physical communications media. It includes the basic functions required to control and manage smart transducers, common communications protocols, and media-independent Transducer Electronic Data Sheet (TEDS) formats.

BSR/IEEE 1636-200x, Software Interface for Maintenance Information Collection and Analysis (new standard)

The scope of the Standard Software Interface for Maintenance Information Collection and Analysis (SIMICA) is an implementation independent specification for a software interface to information systems containing data pertinent to the diagnosis and maintenance of complex systems consisting of hardware, software, or any combination thereof.

BSR/IEEE 1641-200x, Standard for Signal and Test Definition (new standard)

The scope of this project is to provide the means to define and describe signals used in testing. The standard provides a set of common basic signals, mathematically underpinned so that signals can be combined to form complex signals usable across all test platforms. The provision of language elements supports test signal descriptions for interoperability.

BSR/IEEE 1645-200x, Guide for In Service Classification of Damage to Non-Ceramic Insulators (new standard)

In cooperation with IEEE Subcommittee on Engineering in Safety, Maintenance and Operation of Lines (ESMOL), the Task Force will develop a common vocabulary and inspection criteria for the various changes in dielectric materials of transmission, distribution and substation non ceramic insulators that occur with time and exposure. Electronic presentation of the results on an appropriate web site is a target deliverable.

BSR/IEEE 1802.16.3-200x, Standard for Conformance to IEEE Standard 802.16 - Part 3: Radio Conformance Tests (RCT) for 10-66 GHz WirelessMAN-SC™ Air Interface (new standard)

This standard represents the Radio Conformance Test (RCT) specification for base stations and subscriber stations based upon the WirelessMAN-SC (TM) (10-66 GHz) air interface specified in IEEE Standard 802.16.

BSR/IEEE C62.50-200x, Standard for Performance Criteria and Test Methods of Plug-in, Portable, Multiport (Multiservice) Surge-Protective Devices for Equipment Connected to 120/240 V Single Phase Power Service and Communications Lines (new standard)

The scope of this project is to define performance criteria and test methods of Plug-in Multiport (Multiservice) surge protective devices to protect equipment connected to one or more communication lines and 120/240 V single phase AC power, with the neutral grounded at the service equipment.

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20195-0999

Contact: *Kent Perkins*

Fax: (703) 620-5071

E-mail: kperkins@rvia.org

BSR/RVIA UPA-1-200x, Uniform Plan Approval (revision of ANSI/RVIA UPA-1-2000)

This document provides minimum plan approval requirements ranging from uniform definitions, general requirements mandated by the authority having jurisdiction to drawing/document submittal criteria.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: *Stephen Oksala*

Fax: (610) 363-5898

E-mail: soksala@scte.org

BSR/SCTE 35-200x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2002)

DVS 253 specifies a technique for carrying notification of upcoming Splicing Points and other timing information in the transport stream. This standard supports the splicing of MPEG-2 streams for television advertisement and other content insertions.

BSR/SCTE IPS SP 004-200x, Specification for 75 Ohm, Braided, Low Loss Subscriber Access Cable (new standard)

This specification defines the materials, electrical and mechanical properties of 75-ohm Braided, Low Loss Subscriber Access Cable. These cables are used in the transmission of RF signals and power for voice, data and video applications.

BSR/SCTE IPS SP 005-200x, Specification for 75 Ohm Corrugated Copper Drop Cable (new standard)

This specification applies to material, electrical and mechanical properties of 75-ohm coaxial drop cables with a corrugated copper shield. These 75-ohm coaxial drop cables are used to distribute radio frequency signals and power as applicable.

BSR/SCTE IPS SP 006-200x, Specification for 75 Ohm Corrugated Aluminum Drop Cable (new standard)

This specification applies to material, electrical and mechanical properties of 75-ohm coaxial drop cables with a corrugated aluminum shield. These 75-ohm coaxial drop cables are used to distribute radio frequency signals and power as applicable.

BSR/SCTE IPS SP 007-200x, Specification for 75 Ohm Smooth Aluminum Outer Conductor Subscriber Access Cables (new standard)

This specification applies to material, electrical and mechanical properties of 75-ohm coaxial cables. These 75-ohm smooth aluminum outer conductor coaxial cables are used to distribute radio frequency signals and power as applicable.

UL (Underwriters Laboratories, Inc.)

Office: 1655 Scott Boulevard
Santa Clara, CA 95050

Contact: Linda Phinney

Fax: (408) 556-6153

E-mail: Linda.L.Phinney@us.ul.com

BSR/UL 875-200x, Electric Dry-Bath Heaters (new standard)

The requirements cover electric dry-bath heating equipment and other equipment rated 600 volts or less that is intended to produce a dry-heat environment to be installed in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. The relative humidity in the heated environment is in the region of 10 - 25 percent and the purpose of the heated environment is to promote perspiration in a short time by means of a relatively warm and dry atmosphere.

BSR/UL 1863-200x, Communications - Circuit Accessories (new standard)

The requirements cover telecommunications-circuit accessories, such as jack and plug assemblies, quick-connect terminal assemblies, telephone wall plates, telephone extension cords, cross-connect terminal-block assemblies, maintenance terminal modules, terminal enclosures, cable-splice enclosures, network-interface devices, wire-guide assemblies, and connector boxes.

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.

- AAMVA
- AGRSS
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NBBPVI
- NSF International
- TIA
- 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 <http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/>.

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



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
phone: (800) 854-7179
fax: (303) 379-7956
e-mail: global@ihs.com
web: <http://global.ihs.com>

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 20683-1, Air ground equipment - Design, testing and maintenance requirements for towbarless towing vehicles - Part 1: Transport aircraft with a maximum ramp mass over 50 000 kg (110 000 lb) - 7/5/2003, \$60.00

ESSENTIAL OILS (TC 54)

ISO/DIS 4730, Oil of Melaleuca, terpinen-4-ol type (Tea Tree oil) [mainly Melaleuca alternifolia (Maiden et Bache) Cheel] - 7/5/2003, \$39.00

ISO/DIS 4733, Oil of cardamom [Elettaria cardamomum (L.) Maton] - 7/5/2003, \$33.00

ISO/DIS 21389, Oil of gum turpentine, Chinese type (mainly from Pinus massoniana Lamb.) - 7/5/2003, \$33.00

GAS TURBINES (TC 192)

ISO/DIS 19860, Gas turbines - Data acquisition and trend monitoring system requirements for gas turbine installations - 7/5/2003, \$70.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 16429, Implants for surgery - Long-term measurements of open-circuit potential to assess corrosion behaviour of metallic implantable materials and medical devices - 7/5/2003, \$39.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 18437-3, Mechanical vibration and shock - Characterization of the dynamic mechanical properties of resilient materials - Part 3: Single cantilever beam method - 7/5/2003, \$42.00

ISO/DIS 20806, Mechanical vibration - In-situ balancing of rotors - Guidance, safeguards and reporting - 7/5/2003, \$62.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 6588-2, Paper, board and pulps - Determination of pH of aqueous extracts - Part 2: Hot extraction - 7/5/2003, \$29.00

ISO/DIS 6588-1, Paper, board and pulps - Determination of pH of aqueous extracts - Part 1: Cold extraction - 7/5/2003, \$29.00

ISO/DIS 8791-3, Paper and board - Determination of roughness/smoothness (air leak methods) - Part 3: Sheffield method - 7/5/2003, \$42.00

PLASTICS (TC 61)

ISO/DIS 4892-4, Plastics - Methods of exposure to laboratory light sources - Part 4: Open-flame carbon-arc lamps - 7/5/2003, \$33.00

ISO/DIS 17212, Structural adhesives - Guidelines for the surface preparation of metals and plastics prior to adhesive bonding - 7/5/2003, \$66.00

ROAD VEHICLES (TC 22)

ISO/DIS 18669-1, Internal combustion engines - Piston pins - Part 1: General specifications - 7/5/2003, \$62.00

ISO/DIS 18669-2, Internal combustion engines - Piston pins - Part 2: Inspection measuring principles - 7/5/2003, \$42.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 22826, Destructive tests on welds in metallic materials - Hardness testing of narrow welded joints by laser and electron beam (Vickers and Knoop hardness tests) - 6/28/2003, \$51.00



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Global Engineering Documents.

Weblinks are now provided from Standards Action to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.

ACOUSTICS (TC 43)

[ISO 5136:2003](#), Acoustics - Determination of sound power radiated into a duct by fans and other air-moving devices - In-duct method, \$103.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 16035:2003](#), Animal and vegetable fats and oils - Determination of low-boiling halogenated hydrocarbons in edible oils, \$42.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 17666:2003](#), Space systems - Risk management, \$60.00

[ISO 22643:2003](#), Space data and information transfer systems - Data entity dictionary specification language (DEDSL) - XML/DTD Syntax, \$121.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

[ISO 18245:2003](#), Retail financial services - Merchant category codes, \$70.00

IRON ORES (TC 102)

[ISO 9516-1:2003](#), Iron ores - Determination of various elements by X-ray fluorescence spectrometry - Part 1: Comprehensive procedure, \$103.00

MECHANICAL TESTING OF METALS (TC 164)

[ISO 12106:2003](#), Metallic materials - Fatigue testing - Axial-strain-controlled method, \$80.00

[ISO 12107:2003](#), Metallic materials - Fatigue testing - Statistical planning and analysis of data, \$66.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 10110-14:2003](#), Optics and optical instruments - Preparation of drawings for optical elements and systems - Part 14: Wavefront deformation tolerance, \$70.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 11556/Cor1:2003](#), Paper and board - Determination of curl using a single vertically suspended test piece - Corrigendum, FREE

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 15384:2003](#), Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing, \$39.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 4263-1:2003](#), Petroleum and related products - Determination of the ageing behaviour of inhibited oils and fluids - TOST test - Part 1: Procedure for mineral oils, \$55.00

PLASTICS (TC 61)

[ISO 294-5/Cor1:2003](#), Corrigendum, FREE

[ISO 11343:2003](#), Adhesives - Determination of dynamic resistance to cleavage of high-strength adhesive bonds under impact conditions - Wedge impact method, \$33.00

[ISO 16014-1:2003](#), Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 1: General principles, \$51.00

[ISO 16014-3:2003](#), Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 3: Low-temperature method, \$42.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

[ISO 11749/Cor1:2003](#), Belt drive - V-ribbed belts for the automotive industry - Fatigue test - Corrigendum, FREE

SMALL TOOLS (TC 29)

[ISO 6789:2003](#), Assembly tools for screws and nuts - Hand torque tools - Requirements and test methods for design conformance testing, quality conformance testing and recalibration procedure, \$51.00

TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

[ISO 5248:2003](#), Textile machinery and accessories - Dyeing and finishing machinery - Vocabulary for ancillary devices, \$70.00

WATER QUALITY (TC 147)

[ISO 5815-1:2003](#), Water quality - Determination of biochemical oxygen demand after n days (BOD_n) - Part 1: Dilution and seeding method with allylthiourea addition, \$51.00

[ISO 5815-2:2003](#), Water quality - Determination of biochemical oxygen demand after n days (BOD_n) - Part 2: Method for undiluted samples, \$46.00

ISO Technical Reports

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO/TR 16015:2003](#), Geometrical product specifications (GPS) - Systematic errors and contributions to measurement uncertainty of length measurement due to thermal influences, \$84.00

GRAPHIC TECHNOLOGY (TC 130)

[ISO/TR 16066:2003](#), Graphic technology - Standard object colour spectra database for colour reproduction evaluation (SOCS), \$97.00

ISO Technical Specifications

SOIL QUALITY (TC 190)

[ISO/TS 14256-1:2003](#), Soil quality - Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution - Part 1: Manual method, \$46.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14495-2:2003](#), Information technology - Lossless and near-lossless compression of continuous-tone still images: Extensions, \$103.00

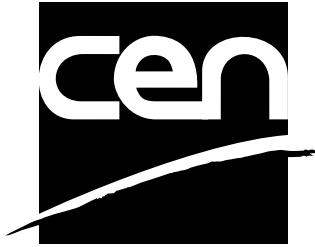
[ISO/IEC 19500-2:2003](#), Information technology - Open Distributed Processing - Part 2: General Inter-ORB Protocol (GIOP)/Internet Inter-ORB Protocol (IIOP), \$121.00

[ISO/IEC 21000-3:2003](#), Information technology - Multimedia framework (MPEG-21) - Part 3: Digital Item Identification, \$75.00

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 19758:2003](#), Information technology - Document description and processing languages - DSSSL library for complex compositions, \$97.00

CEN/CENELEC Standards Activity



***Competitive Excellence Through
Standardization Technology***

This section provides information on standards activity within CEN - the European Committee for Standardization - and CENELEC - the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

Ordering Instructions

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prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at sales@ansi.org and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.

CEN

European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

- prEN 81-21, Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 21: New passenger and goods lifts in existing buildings - 7/10/2003, \$56.00
- prEN 827 REVIEW, Adhesives - Determination of conventional solids content and constant mass solids content - 9/10/2003, \$26.00
- prEN 1067 REVIEW, Adhesives - Examination and preparation of samples for testing - 9/10/2003, \$26.00
- prEN 10107 REVIEW, Grain-oriented electrical steel sheet and strip delivered in fully processed state - 9/10/2003, \$42.00
- prEN 14617-12, Agglomerated stone - Test methods - Part 12: Determination of dimensional stability - 9/10/2003, \$26.00
- prEN 14656, Safety of machinery - Safety requirements for extrusion presses for steel and non-ferrous metals - 9/3/2003, \$72.00
- prEN 14657, Leather - Chemical tests - Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter - 9/3/2003, \$26.00

European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

- prCEN/TS 13126-2, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 2: Casement fastener handles
- prCEN/TS 13126-3, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 3: Manoeuvring fittings for espagnolette bolts/sliding button
- prCEN/TS 13126-4, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 4: Espagnolette bolts
- prCEN/TS 13126-5, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 5: Devices that restrict the opening of windows
- prCEN/TS 13126-6, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 6: Variable geometry stay hinges (with or without a friction system)
- prCEN/TS 13126-7, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 7: Finger catches
- prCEN/TS 13126-8, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 8: Tilt & turn, Tilt-First and Turn-Only hardware
- prCEN/TS 13126-9, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 9: Pivot hinges
- prCEN/TS 13126-10, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 10: Arm balancing systems
- prCEN/TS 13126-15, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 15: Rollers
- prCEN/TS 13126-17, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 17: Fittings for tilt and slide systems
- prCEN/TS 13126-1, Building hardware, Fittings for windows and door height windows - Requirements and test methods - Part 1: Requirements common to all types of fittings

- prEN 1924, Fire-fighting hoses - Non-percolating layflat delivery hoses and hose assemblies for pumps and vehicles
- prEN 12504-3, Testing concrete in structures - Part 3: Determination of pull-out force
- prEN 12952-12, Water-tube boilers and auxiliary installations - Part 12: Requirements for boiler feedwater and boiler water quality
- prEN 12953-11, Shell boilers - Part 11: Acceptance tests
- prEN 13499, Thermal insulation products for buildings - External thermal insulation composite systems (ETICS) based on expanded polystyrene - Specification
- prEN 13500, Thermal insulating products for buildings - External thermal insulation composite systems (ETICS) based on mineral wool - Specification
- prEN 13523-21, Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels
- prEN 13887, Structural Adhesives - Guidelines for surface preparation of metals and plastics prior to adhesive bonding
- prEN 13894-1, Products and systems for the protection and repair of concrete structures - Test methods - Determination of fatigue under dynamic loading - Part 1: During cure
- prEN 13965-1, Characterization of waste - Terminology - Part 1: Material related terms and definitions
- prEN 14140, Transportable refillable welded steel cylinders for Liquefied Petroleum Gas (LPG) - Alternative design and construction
- prEN 14260, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Road tars - Characteristics and test methods
- prEN 14261, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Refractory binders - Characteristics and test methods
- prEN 14263, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Carbon binder pitch - Characteristics and test methods
- prEN 14264, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Impregnating pitch - Characteristics and test methods
- prEN 14265, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Painting tar - Characteristics and test methods
- prEN 14266, Derivatives from coal pyrolysis - Coal tar and pitch based binders and related products: Coating tar - Characteristics and test methods
- prEN 14398-1, Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 1: Fundamental requirements
- prEN 14398-2, Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing
- prEN 14398-3, Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 3: Operational requirements
- prEN ISO 14698-1, Cleanrooms and associated controlled environments - Biocontamination control - Part 1: General principles (ISO/FDIS 14698-1: 2003)
- prEN ISO 14698-2, Cleanrooms and associated controlled environments - Biocontamination control - Part 2: Evaluation and interpretation of biocontamination data (ISO/FDIS 14698-2: 2003)
- prEN ISO 19901-5, Petroleum and natural gas industries - Offshore structures - Supplementary general requirements - Part 5: Weight control during engineering and construction (ISO/FDIS 19901-5: 2003)

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) 642-4975.

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

Sonus Networks

Organization: Sonus Networks, Inc.
5 Carlisle Road
Westford, MA 01886
Contact: Mike Mosca
PHONE: 978-589-8539; FAX: 978-392-9118
E-mail: Mmosca@sonusnet.com

Public review: January 27, 2003 to April 27, 2003

Thomson Financial

Organization: Thomson Financial
22 Thomson Place, M/S 41F3
Boston, MA 02210
Contact: Bob Lamoureux
PHONE: 617-856-1436; FAX: 617-261-5499
E-mail: Robert.lamoureux@tfn.com

Public review: March 31, 2003 to June 29, 2003

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 members 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, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information

(NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to <http://ts.nist.gov/ncsci> and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - ncsci@nist.gov.

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

Information Concerning

American National Standards

Approvals Rescinded

The following standards were originally approved on March 10, 2003 and appeared in Final Actions in the March 28th issue of Standards Action. At the request of the standards developer, ASTM, the approvals of these standards have been rescinded:

ANSI/ASTM D1623, Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics

ANSI/ASTM D1709, Test Methods for Impact Resistance of Plastic Film by the Free-falling Dart Method

ANSI/ASTM D1712, Practice for Resistance of Plastics to Sulfide Staining

ANSI/ASTM D1922, Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method

ANSI/ASTM D2582, Test Method for Puncture-propagation Tear Resistance of Plastic Film and Thin Sheeting

ANSI/ASTM D3294, Specification for Polytetrafluoroethylene (PTFE) Resin Molded Sheet and Molded Basic Shapes

ANSI/ASTM D3981, Specification for Medium-density Polyethylene Films for General Use and Packaging Applications

ANSI/ASTM D4000, Classification System for Specifying Plastic Materials

ANSI/ASTM D4216, Specification for Rigid Poly(Vinyl Chloride) (PVC) and Related PVC and Chlorinated Poly(Vinyl Chloride) (CPVC) Building Products Compounds

ANSI/ASTM D4603, Test Method for Determining Inherent Viscosity of Poly(Ethylene Terephthalate) (PET) by Glass Capillary Viscometer

ANSI/ASTM D4617, Specification for Phenolic Compounds (PF)

ANSI/ASTM D5048, Test Method for Measuring the Comparative Burning Characteristics and Resistance to Burn-through of Solid Plastics Using 125-mm Flame

ANSI/ASTM D5672, Test Method for Flexible Cellular Materials - Measurement of Indentation Force Deflection Using a 25-mm (1in.) Deflection Technique

ANSI/ASTM D5927, Specification for Thermoplastic Polyester (TPES) Injection and Extrusion Materials Base on ISO Test Methods

ANSI/ASTM D6099, Test Method for Polyurethane Raw Materials: Determination of Acidity Aromatic Isocyanates

ANSI/ASTM D6108, Test Method for Compressive Properties of Plastic Lumber and Shapes

ANSI/ASTM D6109, Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber

ANSI/ASTM D6111, Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement

ANSI/ASTM D6779, Classification System for Polyamide Molding and Extrusion Materials PA

ANSI/ASTM D790, Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials

ANSI/ASTM D1996, Test Method for Determination of Phenolic Antioxidants and Erucamide Slip Additives in Low Density Polyethylene Using Liquid Chromatography (LC)

ANSI/ASTM D3016, Practice for Use of Liquid Exclusion Chromatography Terms and Relationships

ANSI/ASTM D3045, Practice for Heat Aging of Plastics without Load

ANSI/ASTM D3124, Test Method for Vinylidene Unsaturation in Polyethylene by Infrared Spectrophotometry

ANSI/ASTM D3591, Practice for Determining Logarithmic Viscosity Number of Poly(Vinyl Chloride) (PVC) in Formulated Compounds

ANSI/ASTM D3851, Specification for Urethane Microcellular Shoe Soling Materials

ANSI/ASTM D4754, Test Method for Two-sided Liquid Extraction of Plastic Materials Using FDA Migration Cell

ANSI/ASTM D6098, Specification for Extruded and Compression Molded Shapes Made from Polycarbonate (PC)

ANSI/ASTM D6261, Specification for Extruded and Compression Molded Basic Shapes Made from Thermoplastic Polyester (TPES)

ANSI/ASTM D6262, Specification for Extruded, Compression Molded, and Injection Molded Basic Shapes of Poly(Aryl Ether Ketone) (PAEK)

ANSI/ASTM D6263, Specification for Extruded Rods and Bars Made from Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC)

30 DAY REVIEW FOR PROPOSALS FOR UL 486A-486B, STANDARD FOR SAFETY FOR WIRE CONNECTORS

UL proposes to:

(1) Revise 3.1 to reflect verbiage from the Procedures for Harmonizing ANCE / CSA/ UL Standards, revised January 1, 2003:

3.1 ~~The unit of measure shall be SI.~~ The values given in SI (metric) units shall be normative, except for AWG/kcmil conductor sizes. Any other values are for information only.

(2) Delete the definition for “company” in 4.3 and renumber remainder of definitions accordingly.

(3) Replace the word “company” with “manufacturer” in Clauses 4.9, 4.12, 9.1.9.2, 9.3.4.2, 10.2, 10.4, 10.31, 10.32, 10.38, Footnote a in Table 1, Table 30.

(4) Remove references to UL and CSA standards in Clause 6.2.5, and leave reference to Annex B. Then, in Annex B, remove the words, “For Mexico Only.”

(5) Revise 7.6.1 for clarity:

7.6.1 The insulation of a connector shall not be damaged and shall not become detached from the body of the connector when subjected to the secureness of insulation test described in 9.6.

(6) Replace the word “weight” with “mass,” to correctly indicate the usage of this unit of measure, in Clauses 7.11.1, 9.3.2, 9.3.2.3, 9.3.2.4, and Table 26.

(7) Change the word “pound” to “lb” throughout the document (Clauses 9.6.1 and 9.6.3 and Tables 25, 26, and 27).

(8) Correct the equivalent for torque from “pound-inches” to “lbf-in” in Tables 21, 22, and 23, and similarly, to correct “pound-feet” to “lbf-ft” in Table 24.

(9) Correct “one h” to “1 h” in 9.10.2.

(10) Correct “ten d” to “10 d” in 9.12.2.

(11) Remove redundant footnote c from Table 3. (Already addressed in Clause 7.1.3.)

(12) Revise footnotes to Table 10 as follows:

^a ~~These values are for Canada.~~ This is an additional rating for Canada.

^b ~~These values are for Mexico.~~ This is an additional rating for Mexico.