ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

★ Standard for consumer products

USNC Appoints Technical Advisor for IEC Nanotechnology TAG. See Announcement on Page 24.

ISSN 0038-9633

Comment Deadline: June 29, 2008

3-A (3-A Sanitary Standards, Inc.)

New Standards

BSR/3-A P3-A 003-200x, Pharmaceutical 3-A® End Suction Centrifugal Pumps for Active Pharmaceutical Ingredients (new standard)

Active pharmaceutical ingredient manufacturers have identified the need for standards for the design of equipment that is more efficiently cleanable to enhance acceptance by QA and inspection agencies and advance the state-of-the-art for production equipment. This standard is one in a series of equipment and materials of construction standards. Several changes have been made as a result of the Recirculation Ballot of the Canvass Body.

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

Send comments (with copy to BSR) to: Timothy Rugh, 3-A; trugh@3-A.org

ASME (American Society of Mechanical Engineers)

Addenda

BSR/ASME A112.19.8a-200x, Suction Fittings for Use in Swimming Pool, Wading Pools, Spas, Hot Tubs and Whirlpool (addenda to ANSI/ASME A112.19.8-2007)

Establishes materials, testing, and marking requirements for suction fittings that are designed to be totally submerged for use in swimming pools, wading pools, spas, and hot tubs, as well as other aquatic facilities.

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

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1638-200x, Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling (revision of ANSI/UL 1638-2003)

Revises the ratings information in installation literature.

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

Send comments (with copy to BSR) to: Kristin Andrews, UL-CA; Kristin.L.Andrews@us.ul.com

BSR/UL 1971-200x, Signaling Devices for the Hearing Impaired (revision of ANSI/UL 1971-2004)

Revises the ratings information in installation literature.

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

Send comments (with copy to BSR) to: Kristin Andrews, UL-CA; Kristin.L.Andrews@us.ul.com

Comment Deadline: July 14, 2008

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI ST15883-1-200x, Washer-disinfectors - Part 1: General requirements, terms and definitions and test (national adoption with modifications of ISO 15883-1:2006)

Specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles. It specifies performance requirements for cleaning and disinfection as well as for the accessories that can be required to achieve the necessary performance.

Single copy price: $20.00 (hardcopy)/Free (electronic) for AAMI members; $25.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; (PHONE: 1-877-249-8226/FAX: 1-301-206-9789)

Send comments (with copy to BSR) to: Jennifer Moyer, AHAM; jmoyer@aham.org

Reaffirmations

BSR/AAMI/ISO 10993-17-2002 (R200x), Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances (reaffirmation of ANSI/AAMI/ISO 10993-17-2002)

Specifies a method for determining allowable limits for leachable substances from medical devices and describes a systematic process through which identified risks arising from toxicologically hazardous substances present in medical devices can be quantified. Intended for use in deriving standards and estimating appropriate limits where standards do not exist.

Single copy price: Print - $45.00 (AAMI members), $90.00 (list); PDF - $45.00 (AAMI members), $90.00 (list)

Obtain an electronic copy from: http://marketplace.aami.org/eseries/ScriptContent/Index.cfm

Order from: AAMI Customer Service; 1-877-249-8226

Send comments (with copy to BSR) to: rwhitehead@aami.org

ASC X9 (Accredited Standards Committee X9, Incorporated)

New National Adoptions

BSR X9.116-1, ISO 20022-1-200x, Financial Services - UNIversal Financial Industry message scheme - Part 1: Overall methodology and format specifications for inputs and outputs from ISO 20022 repository (identical national adoption of ISO 20022-1)

Consists of:
- the overall description of the modelling approach;
- the overall description of the ISO 20022 Repository contents;
- a high-level description of the input to be accepted by the Registration Authority to feed/modify the Repository's Data Dictionary and Business Process Catalogue; and
- a high-level description of the Repository output to be made publicly available by the Registration Authority.

ISO-20022-compliant Business Transactions and Message Sets can be used for electronic data interchange amongst any industry participants (financial and others), independently of any specific communication network.

Single copy price: $100.00

Obtain an electronic copy from: www.x9.org

Order from: www.x9.org

Send comments (with copy to BSR) to: Janet Busch, ASC X9; janet.busch@x9.org

BSR X9.116-2, ISO 20022-2-200x, Financial services - UNIversal Financial Industry message scheme - Part 2: Roles and responsibilities of the registration bodies (identical national adoption of ISO 20022-2)

Specifies the responsibilities of the bodies involved in the registration and maintenance of the Data Dictionary and Business Process Catalogue items in the ISO 20022 Repository. The Registration Authority (RA) is the operating authority responsible for the above-mentioned tasks, and is assisted by different Standards Management Groups (SMG), i.e., groups of industry experts responsible for specific Business Areas of the Repository. The Registration Management Group (RMG) is the governing body of the overall registration process and the appeal body for the communities of users, the RA and the SMGs, and monitors the registration process performance.

Single copy price: $100.00

Obtain an electronic copy from: www.x9.org

Order from: www.x9.org

Send comments (with copy to BSR) to: Janet Busch, ASC X9; janet.busch@x9.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 1000030-200x, NGN Authentication Requirements (new standard)

Provides an end-to-end authentication in a multinetwork environment. These functions can be reliably performed within a single service provider's network, when networks interconnection, existing protocols and interfaces do not adequately support these needs.

Single copy price: $43.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

CSA (CSA America, Inc.)

Revisions

BSR Z21.10.3b-200x, American National Standard/CSA Standard for Gas Fired Water Heaters with Input Ratings of 75,000 Btu or Less (same as CSA 4.3b) (revision of ANSI Z21.10.3-2004 and ANSI Z21.10.3a-200x)

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

Single copy price: $72.00

Obtain an electronic copy from: al.callahan@csa-america.org

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

Send comments (with copy to BSR) to: Same

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

New Standards

Draft INCITS 447-200x, Information Technology - SCSI Architecture Model - 4 (SAM-4) (new standard)

Defines a reference model that specifies common behaviors for SCSI devices, and an abstract structure that is generic to all SCSI I/O system implementations. The set of SCSI (Small Computer System Interface) standards consists of this standard and the SCSI implementation standards listed in subclause 1.3 of this standard.

Single copy price: $30.00

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

Order from: Global Engineering Documents; www.global.ihs.com (or click on the designation above)

Send comments (with copy to BSR) to: Serena Patrick, ITI (INCITS); spatrick@itic.org

Draft INCITS 448-200x, Information Technology - SCSI Enclosure Services - 2 (SES - 2) (new standard)

Documents the commands and parameters necessary to manage and sense the state of the power supplies, cooling devices, displays, indicators, individual drives, and other non-SCSI elements installed in an enclosure. The command set uses the SCSI SEND DIAGNOSTIC and RECEIVE DIAGNOSTIC RESULTS commands to obtain configuration information for the enclosure and to set and sense standard bits for each type of element that may be installed in the enclosure.

Single copy price: $30.00

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

Order from: Global Engineering Documents; www.global.ihs.com (or click on the designation above)

Send comments (with copy to BSR) to: Serena Patrick, ITI (INCITS); spatrick@itic.org

New National Adoptions

BSR/INCITS/ISO/IEC 10995-200x, Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media (identical national adoption of ISO/IEC 10995:2008)

Specifies an accelerated aging test method for estimating the life expectancy for the retrievability of information stored on recordable or rewritable optical disks. This test includes details on the following formats: DVD-R/-RW/-RAM, +R/+RW. It may be applied to additional optical disk formats with the appropriate specification substitutions and may be updated by committee in the future as required.

Single copy price: $123.00

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

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

NEMA (ASC C82) (National Electrical Manufacturers Association)

Reaffirmations

BSR C82.1-2004 (R200x), Lamp Ballast-Line Frequency Fluorescent Lamp Ballast (reaffirmation of ANSI C82.1-2004)

Covers ballasts that have rated open circuit voltages of 2000 volts or less, and are intended to operate lamps at a frequency of 50 Hz or 60 Hz.

Single copy price: $At cost

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Matt Clark, NEMA; Mat_clark@nema.org; ran_roy@nema.org

Send comments (with copy to BSR) to: Randolph Roy, NEMA (ASC C82); ran_roy@nema.org

NEMA (National Electrical Manufacturers Association)

Revisions

BSR/NEMA PB 2.1-200x, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 2.1-2003)

Covers floor-mounted deadfront switchboards, which consist of an enclosure, molded case and low-voltage power circuit breakers, fusible or non-fusible switches, instruments, and metering, monitoring, or control equipment, with associated interconnections and supporting structures.

Single copy price: Free download from NEMA website. Paper copies:

Obtain an electronic copy from: www.nema.org/stds/pb2-1.cfm

Order from: Gerard Winstanley, NEMA (Canvass); ger_winstanley@nema.org

Send comments (with copy to BSR) to: Gerard Winstanley, NEMA (Canvass); ger_winstanley@nema.org

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

New Standards

BSR/NIST-ITL 2-200x, Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information - Part 2: XML Version (new standard)

This complement to the ANSI/NIST-ITL 1-2007 standard establishes an equivalent XML format. This format defines the content, format, and units of measurement for the exchange of fingerprint, other biometric, and descriptive information that can be used for identification of subjects. This information is intended for interchange among criminal justice and homeland security administrations or organizations that rely on automated fingerprint and other biometric identification systems.

Single copy price: Free

Obtain an electronic copy from: http://fingerprint.nist.gov/standard/xml

Order from: Elaine Newton, NIST/ITL; enewton@nist.gov

Send comments (with copy to BSR) to: Same

NSF (NSF International)

Revisions

BSR/NSF 53-200x (i66), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2007)

Issue 66 - To add language to clarify the usage of the word “removes” along with the percentage of removal is acceptable when describing the cyst reduction claim, to include a variance for the inlet pressure in the rated service flow test, to clarify 6.13.1 - Media test, and to correct a publishing error for heptachlor to maintain consistency between the tables for VOC surrogate testing in NSF DWTU Standards.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/1405/53i66r1.pdf

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 58-200x (i50), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2007)

Issue 50 - To add language to clarify the usage of the word “removes” along with the percentage of removal is acceptable when describing the cyst reduction claim, and to correct an error that occurred during the reformatting for the sampling (systems without storage tanks sections of 7.1.2.7, 7.1.3.5.3, 7.2.1.6, 7.2.2.6, and 7.2.3.6).

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/1409/58i50r1.pdf

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 61-200x (i79), Drinking water system components - Health effects (revision of ANSI/NSF 61-2007a)

Issue 79 - To establish an evaluation procedure for use when a lead content requirement needs to be met in addition to current chemical extraction requirements of the standard.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/1378/61i79r1.pdf

Order from: Sarah Kozanecki, NSF; kozanecki@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 62-200x (i18), Drinking water distillation systems (revision of ANSI/NSF 62-1999)

Issue 18 - To include a perchlorate claim and update maximum product water concentration for arsenic.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/1413/62i15r1.pdf

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 94-200x, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2006)

The following changes in UL 94 requirements are being proposed:
(1) Gas flow rates for test flames; and
(2) Proposed revision of laboratory atmosphere requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

BSR/UL 98-200x, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2006)

The following changes in requirements are being proposed:
- Revisions for clarification and editorial corrections;
- Clamped joint test;
- Enclosed switches for street lighting in Canada;
- Reference corrections; and
- DC short-circuit current ratings above 10 kA.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Tim Corder, UL-NC; William.T.Corder@us.ul.com

BSR/UL 746C-200x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2006)

The following changes in UL 746C requirements are being proposed:
(1) Gas flow rates for test flames;
(2) Glow-Wire End-Product Test (GWEPT) - paragraph 12.3.1;
(3) Glow-wire testing for materials adjacent to connections; and
(4) Comparative Tracking Index (CTI) requirements

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

BSR/UL 746A-200x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2006)

The following changes in UL 746A requirements are being proposed:
(1) Clarification of Ball Pressure Test; and
(2) Comparative Tracking Index (CTI) requirements

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

BSR/UL 1447-200x, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2006)

This 5/30/08 UL 1447 proposal bulletin includes revisions to:
- Delete obsolete asbestos and cotton insulated wire type;
- Clarify that sheet metal screws are not an acceptable means for securing grounding or bonding conductors to an enclosure; and
- Correct the missing temperature rise in Table 29.2.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, UL-NC; Betty.C.McKay@us.ul.com

Reaffirmations

BSR/UL 248-10-2004 (R200x), Standard for Safety for Low Voltage Fuses - Part 10: Class L Fuses (reaffirmation of ANSI/UL 248-10-2004)

Administratively updates the ANSI approval of the Standard for Low-Voltage Fuses - Part 10: Class L Fuses, UL 248-10. No technical changes are being proposed to the standard, nor have any been made since the date of the last approval. A copy of the standard is available within the CSDS Work Area for UL 248-10. The Standard for Low-Voltage Fuses - Part 1: General Requirements, UL 248-1, is also attached to the CSDS Work Area for reference.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Valara Davis, UL; Valara.Davis@us.ul.com

BSR/UL 248-16-2004 (R200x), Standard for Safety for Low-Voltage Fuses - Part 16: Test Limiters (reaffirmation of ANSI/UL 248-16-2004)

Administratively updates the ANSI approval of the Standard for Low-Voltage Fuses - Part 16: Test Limiters. No technical changes are being proposed to the standard, nor have any been made since the date of the last approval. A copy of the standard is available within the CSDS Work Area for UL 248-16. The Standard for Low-Voltage Fuses - Part 1: General Requirements, UL 248-1, is also attached to the CSDS Work Area for reference.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Valara Davis, UL; Valara.Davis@us.ul.com

BSR/UL 437-2004 (R200x), Key Locks (Proposal dated 5/30/08) (reaffirmation of ANSI/UL 437-2004)

Covers key locks categorized as follows and defined in Glossary, Section 3 of the standard:
- Cabinet locking cylinders;
- Door locks;
- Locking cylinders;
- Security container key locks, Type 1 and Type 2; and
- Two-key locks.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Linda Phinney, UL-SC, Linda.L.Phinney@us.ul.com

BSR/UL 887-2004 (R200x), Delayed-Action Timelocks (Proposal dated 5/30/08) (reaffirmation of ANSI/UL 887-2004)

Covers delayed-action timelocks intended for attachment on the doors of safes, chests, vaults, and the like, to provide a means for locking the door for a predetermined length of time as protection against burglary or robbery or both. The timelocks covered by these requirements may be automatic, manual, or both, in operation, depending upon their design.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Linda Phinney, UL-SC, Linda.L.Phinney@us.ul.com

BSR/UL 1034-2004 (R200x), Burglary-Resistant Electric Locking Mechanisms (Proposal dated 5/30/08) (reaffirmation of ANSI/UL 1034-2004)

Applies to the construction, performance, and operation of burglary-resistant electric locking mechanisms and their related devices, such as control units, control switches, and power supplies, and the like used to secure and release doors.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Linda Phinney, UL-SC, Linda.L.Phinney@us.ul.com

Comment Deadline: July 29, 2008

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

AFPA (American Forest & Paper Association)

Revisions

BSR/AF&PA SDPWS-200x, Special Design Provisions for Wind and Seismic (revision of ANSI/AF&PA SDPWS-2005)

Provides special design and construction requirements for wind and seismic design of wood-frame structures.

Single copy price: $25.00

Order from: Lacey Merriman-Doniff, AFPA; Lacey_Merriman-Doniff@afandpa.org

Send comments (with copy to BSR) to: Bradford Douglas, AFPA; Brad_Douglas@afandpa.org

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME RT-2-200x, Safety Standard for Structural Requirements for Heavy Rail Transit Vehicles (new standard)

Applies to car bodies of newly constructed heavy rail transit vehicles for transit passenger service in North America. This standard defines requirements for the incorporation of passive safety design concepts related to the performance of the carbody of heavy rail transit vehicles in conditions such as collisions, so as to enhance passenger safety, and limit and control damage.

Single copy price: $20.00

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

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

Send comments (with copy to BSR) to: Geraldine Burdeshaw, ASME; burdeshawg@asme.org

Reaffirmations

BSR/ASME A17.4-200x, Guide for Emergency Personnel (reaffirmation of ANSI/ASME A17.4-1999)

Provides a guide for emergency personnel (fire, police, etc), building owners, lessees, and building operating managers that explains the proper procedures to be used for the safe removal of passengers from stalled elevators as well as the operating procedures for elevator usage under firefighters' service (Phase I and Phase II).

Single copy price: $35.00

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

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

Send comments (with copy to BSR) to: Geraldine Burdeshaw, ASME; burdeshawg@asme.org

AWWA (American Water Works Association)

Revisions

BSR/AWWA C218-200x, Liquid Coating Systems for the Exterior of Aboveground Steel Water Pipelines & Fittings (revision of ANSI/AWWA C218-2002)

Describes six coating systems designed to protect the exterior surfaces of steel pipelines and the associated fittings used by the water supply industry in aboveground locations. The coating systems described may not perform or cost the same, but they are presented so that the appropriate coating system can be selected for the site-specific project requirements.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org

Send comments (with copy to BSR) to: Same

BSR/AWWA C901-200x, Polyethylene (PE) Pressure Pipe and Tubing, 1/2 in (13 mm) through 3 in (76 mm), for Water Service (revision of ANSI/AWWA C901-2002)

Describes polyethylene (PE) pressure pipe and tubing made from material having standard PE code designations PE 2606, PE 2706, PE 2708, PE 3608, PE 3708, PE 3710, PE 4608. PE 4708, and PE 4710 and intended for use in potable water, reclaimed water, and wastewater service.

Single copy price: $20.00

Order from: Ed Baruth, AWWA; ebaruth@awwa.org

Send comments (with copy to BSR) to: Same

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: March 21, 2008 through March 27, 2010

HL7 (Health Level Seven)

BSR/HL7 V3 CRFQSRM, R1-200x, HL7 Version 3 Standard: Regulated Studies; Clinical Research Filtered Query (CRFQ) Service Functional Model (SFM), Release 1 (TRIAL USE STANDARD) (trial use standard)

Describes the CRFQ service, which is the efficient paring of potential subjects with either protocols in the context of exchange/comparison of computable demographic, phenotypic, and/or genotypic I/E criteria. These criteria are associated with both protocols and potential subjects (aka patients), as well as the related domain of real-time safety monitoring when the safety events-of-interest have sufficiently well defined to be syntactically similar to protocol inclusion or exclusion criteria.

Single copy price: Free

Order from: http://www.hl7.org/documentcenter/ballots/2008MAY/downloads/SFM_CRFQ_v1%203%2003_DSTU_2008.zip

Send comments (with copy to BSR) to: http://www.hl7.org/dstucomments/index.cfm

Call for Comment Contact Information

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

Order from:

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Association of Home Appliance Manufacturers
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Washington, DC 20036
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Fax: (202) 872-9354
Web: www.aham.org

ASC X9
Accredited Standards Committee X9, Incorporated
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Annapolis, MD 21401
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New York, NY 10016
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Web: www.awwa.org/asp/default.asp

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Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

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

NEMA (ASC C81)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone:
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841 3297
Fax: (703) 841-3397
Web: www.nema.org

NIST/ITL
National Institute of Standards and Technology/Information Technology Laboratory
100 Bureau Drive MS 8940
NIST
Gaithersburg, MD 20899-8900
Phone: (301) 975-2532
Fax: (301) 975-2378
Web: www.nist.gov

NSF
NSF International
P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48113-0140
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

Send comments to:

3-A

3-A Sanitary Standards, Inc.
6888 Elm Street, Suite 2D
McLean, VA 22101-3829
Phone: (703) 790-0295
Fax: (703) 761-6284
Web: www.3-a.org

AFPA
American Forest & Paper Association
1111 19th Street NW, Suite 800
Washington, DC 20036
Phone: (202) 463-2770
Fax: (202) 463-2791
Web: www.afandpa.org

AHAM
Association of Home Appliance Manufacturers
1111 19th Street NW
Suite 402
Washington, DC 20036
Phone: (202) 872 5955
Fax: (202) 872-9354
Web: www.aham.org

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street, Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8523
Fax: (212) 591-8501
Web: www.asme.org

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

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6176
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

CSA
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463
Web: www.csa-america.org

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

ITI (INCITS)
ITI (INCITS)
1250 Eye Street, NW, Suite 200
Washington, DC 20005
Phone: 202-626-5741
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

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841 3297
Fax: (703) 841-3397
Web: www.nema.org

NIST/ITL
National Institute of Standards and Technology/Information Technology Laboratory
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Web: www.nist.gov

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789 N. Dixboro Road
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Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: 919-549-0921
Fax: 919-547-6427
Web: www.ul.com/

UL-CA
Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6634
Fax: (408) 689-6500

UL-NC
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: (919) 549-1841
Fax: (919) 547-6174

UL-NY
Underwriters Laboratories
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200 ext. 22593
Fax: (631) 439-6021

Call for Members (ANS Consensus Bodies)

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

3-A (3-A Sanitary Standards, Inc.)

Office: 6888 Elm Street, Suite 2D
McLean, VA 22101-3829
Contact: *Timothy Rugh*
Phone: (703) 790-0295
Fax: (703) 761-6284
E-mail: trugh@3-A.org

BSR/3-A P3-A 003-200x, Pharmaceutical 3-A® End Suction Centrifugal Pumps for Active Pharmaceutical Ingredients (new standard)

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1111 19th Street N.W.
Suite 402
Washington, DC 20036
Contact: *Jennifer Moyer*
Phone: (202) 872 5955
Fax: (202) 872-9354
E-mail: jmoyer@aham.org

BSR/AAMI ST15883-1-200x, Washer-disinfectors - Part 1: General requirements, terms and definitions and test (national adoption with modifications of ISO 15883-1:2006)

BSR/AAMI/ISO 10993-17-2002 (R200x), Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances (reaffirmation of ANSI/AAMI/ISO 10993-17-2002)

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851
Contact: *Christopher Johnson*
Phone: (216) 241-7333
Fax: (216) 241-0105
E-mail: cjohnson@taol.com

BSR/DASMA 105-200x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors (revision of ANSI/DASMA 105-1992 (R2004))

BSR/DASMA 108-200x, Standard Method for Testing Sectional Garage Doors and Rolling Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference (revision of ANSI/DASMA 108-2005)

BSR/DASMA 115-200x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2005)

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

Office: 1250 Eye Street, NW, Suite 200
Washington, DC 20005
Contact: *Serena Patrick*
Phone: 202-626-5741
Fax: 202-638-4922
E-mail: spatrick@itic.org

BSR INCITS 447-200x, Information Technology - SCSI Architecture Model - 4 (SAM-4) (new standard)

BSR INCITS 448-200x, Information Technology - SCSI Enclosure Services - 2 (SES - 2) (new standard)

BSR INCITS PN-1243-R-200x, Information technology - Representation of Time for Information Interchange (revision of ANSI INCITS 310-1998 (R2003))

BSR INCITS PN-2114-D-200x, Information technology - Row Pattern Recognition - Amendment to SQL with Application to Streaming Data Queries (new standard)

BSR/INCITS/ISO/IEC 10995-200x, Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media (identical national adoption of ISO/IEC 10995:2008)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Contact: *Gerard Winstanley*
Phone: (703) 841 3297
Fax: (703) 841-3397
E-mail: ger_winstanley@nema.org

BSR/NEMA PB 2.1-200x, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 2.1-2003)

NISO (National Information Standards Organization)

Office: One North Charles Street, Suite 1905
Baltimore, MD 21201
Contact: *Karen Wetzel*
Phone: 301-654-2512
Fax: 301-654-1721
E-mail: nisohq@niso.org

BSR/NISO Z39.95-200x, Cost of Resource Exchange (CORE) (new standard)

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

Office: 100 Bureau Drive MS 8940
NIST
Gaithersburg, MD 20899-8900

Contact: *Elaine Newton*

Phone: (301) 975-2532

Fax: (301) 975-2378

E-mail: enewton@nist.gov

BSR/NIST-ITL 2-200x, Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information - Part 2: XML Version (new standard)

Final actions on American National Standards

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

ANSI ATIS 0500007-2008, Emergency Services Interface (EISI) Implemented with Web Services (new standard): 5/9/2008

AWWA (American Water Works Association)

Revisions

ANSI/AWWA B201-2008, Soda Ash (revision of ANSI/AWWA B201-2003): 5/22/2008

ANSI/AWWA B404-2008, Liquid Sodium Silicate (revision of ANSI/AWWA B404-2003): 5/22/2008

ANSI/AWWA C110-2008, Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C110/A21.10-2003): 5/22/2008

EIA (Electronic Industries Alliance)

Revisions

ANSI/EIA 364-71C-2008, Solder Wicking (Wave Solder Technique) Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-71B-2000): 5/22/2008

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

New Standards

ANSI INCITS 441-2008, Information technology - Automation/Drive Interface - Commands - 2 (ADC-2) (new standard): 5/12/2008

SDI (ASC A250) (Steel Door Institute)

Revisions

ANSI A250.13-2008, Testing & Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies (revision of ANSI A250.13-2003): 5/21/2008

Project Initiation Notification System (PINS)

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

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

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

ADA (American Dental Association)

Office: 211 E. Chicago
Chicago, IL 60611

Contact: *Becky Bluemel*

Fax: 312-440-2529

E-mail: bluemelr@ada.org

BSR/ADA Specification No. 128-200x, Hydrocolloid Impression Materials (national adoption with modifications and revision of ANSI/ADA 82-1998 (R2003))

Stakeholders: Dental professionals, manufacturers.

Project Need: To consolidate individual specifications into a single specification, following decisions made at the ISO level to consolidate standards 1563, 1564, and 13716 for Alginate impression materials, agar hydrocolloids, and reversible/non-reversible hydrocolloid impression material.

Specifies the requirements and tests for helping determine whether elastic agar and alginate dental impression materials, as prepared for retail marketing, are of the quality needed for their intended purposes.

APSP (Association of Pool and Spa Professionals)

Office: 2111 Eisenhower Avenue
Alexandria, VA 22314

Contact: *Jeanette Smith*

Fax: (703) 549-0493

E-mail: jsmith@APSP.org

BSR/APSP 16-200x, Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs (new standard)

Stakeholders: Manufacturers, builders, designers, pool operators and managers, service companies.

Project Need: To create a new standard in accordance with latest testing, technology, and research on suction entrapment avoidance.

Establishes materials, testing, and marketing requirements for submerged suction fittings for use in swimming pools, wading pools, spas, and hot tubs.

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: *Christopher Johnson*

Fax: (216) 241-0105

E-mail: cjohnson@taol.com

BSR/DASMA 105-200x, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors (revision of ANSI/DASMA 105-1992 (R2004))

Stakeholders: Producers involved with the production of products, materials or services; distributors and installers.

Project Need: To propose revisions to the standard.

Provides a test method designed to measure the thermal characteristics of garage doors under steady-state conditions. Specifically, the measurements and calculations made will yield the thermal transmittance (U) and the air infiltration rate.

BSR/DASMA 108-200x, Standard Method for Testing Sectional Garage Doors and Rolling Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference (revision of ANSI/DASMA 108-2005)

Stakeholders: Producers involved with the production of products, materials or services; distributors and installers.

Project Need: To propose revisions to the standard.

Provides a test method that describes the determination of the structural performance of garage door and rolling door assemblies under uniform static air pressure difference, using a test chamber.

BSR/DASMA 115-200x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2005)

Stakeholders: Producers involved with the production of products, materials or services; distributors and installers.

Project Need: To propose revisions to the standard.

Describes the determination of sectional garage doors, rolling doors and flexible doors impacted by missiles and subsequently subjected to cyclic static pressure differentials.

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834
Contact: *Cecelia Yates*
Fax: (703) 907-7549
E-mail: cyates@ecaus.org

BSR/EIA 468-C-200x, Lead Taping of Components in the Radial Configuration for Automatic Handling (new standard)

Stakeholders: Automated assemblers of through-hole PCBs in all industries

Project Need: To provide updates to reflect current needs and usage in the industry.

Provides the dimensions and tolerances necessary to lead tape components in the radial format (unidirectional leads) such that they may be automatically handled.

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

Office: 1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Contact: *Barbara Bennett*
Fax: (202) 638-4922
E-mail: bbennett@itic.org

BSR INCITS PN-1243-R-200x, Information technology - Representation of Time for Information Interchange (revision of ANSI INCITS 310-1998 (R2003))

Stakeholders: Users of any system reading, writing, or processing time data using INCITS-310 interchange format.

Project Need: The existing INCITS-310 is a recognized industry standard. The US Naval Observatory and the National Institute for Standards and Technology both recognize the need for and the continued revision of INCITS-310. They are responsible for keeping the precise time for the US.

Contains a format for the interchange of time data. The format accounts for variations in time zones, daylight savings, and standard time (e.g., universal, Greenwich mean, sidereal, etc). A single format style was chosen, rather than using the multiple formats contained in ISO 8601.

BSR INCITS PN-2114-D-200x, Information technology - Row Pattern Recognition - Amendment to SQL with Application to Streaming Data Queries (new standard)

Stakeholders: Government, financial institutions, transportation, security, and many others.

Project Need: To provide SQL capabilities for row pattern recognition to database management systems with proprietary solutions, third-party software vendors, and customer organizations.

Specifies the syntax and semantics of a new SQL capability to perform complex queries involving the relationships between many rows in a single (virtual or base) table. Detection and use of such relationships are critical aspects of many high-value applications. Sometimes called “complex event processing,” many business processes are driven from sequences of events. For example, security applications require the ability to detect unusual behavior definable with regular expressions.

NFSI (National Floor Safety Institute)

Office: P.O. Box 92607
Southlake, TX 76092
Contact: *Russell Kendzior*
Fax: (817) 749-1702
E-mail: russk@nfsi.org; laurac@nfsi.org

BSR/NFSI B101.6-200x, Standard for the prevention of slips, trips and falls on floor mats, runners, and rugs (new standard)

Stakeholders: General public, consumers, leisure/recreational, commercial, mercantile, household.

Project Need: To eliminate slip, trip, and fall hazards including: soil, moisture, contaminants, edge treatments, backings, etc., as often related to the use of floor mats, runners, and rugs.

Provides criteria for the selection, installation, inspection and maintenance of floor mats, runners, and rugs as it relates to the prevention of slips, trips, and falls.

NISO (National Information Standards Organization)

Office: One North Charles Street, Suite 1905
Baltimore, MD 21201
Contact: *Karen Wetzel*
Fax: 301-654-1721
E-mail: nisohq@niso.org

BSR/NISO Z39.95-200x, Cost of Resource Exchange (CORE) (new standard)

Stakeholders: Librarians, ERMS creators who have built a cost-management system, and ILS creators.

Project Need: To facilitate the transfer of cost and related financial and vendor information from an Integrated Library System (ILS) Acquisitions module to an Electronic Resource Management System (ERMS) or other applications that can make use of this information.

Provides a common method of requesting cost-related information from an ILS for a specific electronic resource using defined XML data schemas. The ability to request financial data (whether for display or for writing to populate the ERM) from the ILS Acquisitions system enables both real-time lookups and cost-per-click and other cost-related reports in the ERMS all the more possible, without the work of manually entering the same data in two different systems.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- TIA
- Underwriters Laboratories, Inc. (UL)

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

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

Announcement of Procedural Revisions
Comment Deadline: June 30, 2008

Comments with regard to this proposed revision should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ANSI Executive Standards Council (ExSC) at 212-840-2298.

All public comments received in connection with any proposed revisions to ANSI's procedures will be made available to the public in the ANSI Online public library (http://publicaa.ansi.org/sites/apdl/default.aspx) one week after the close of the comment deadline. The ANSI Executive Standards Council (ExSC) will consider all public comments received by the comment deadline at its next regularly scheduled meeting. Shortly thereafter, all commenters will be provided with a written disposition of their respective comments.

Questions should be directed to psa@ansi.org.

American National Standards Institute

ExSC 6863
Revised March 2008

This proposed revision to the ANSI Patent Policy was approved by the ANSI Patent Group at its March 19, 2008 meeting and further approved by the IPRPC via letter ballot. The proposed changes are intended to: (1) remove the ambiguity in the Patent Policy created by the reference to "identified party" in section 3.1.1 and to clarify that an assurance shall be received either from the patent holder or someone authorized to make an assurance on its behalf; and (2) make clear in the same section of the Policy that the assurance can be received in either written or electronic form.

3.0 Normative American National Standards Policies

Every ANSI-Accredited Standards Developer (ASD) shall comply with the normative policies contained in this section. The ASD may choose to: 1) include the text that follows, as appropriate, in its accredited procedures along with any additional information as required; or 2) submit to ANSI a written statement of full compliance with these policies in addition to policy statements that satisfy the requirements set-forth in this section.

3.1 ANSI patent policy - Inclusion of Patents in American National Standards

There is no objection in principle to drafting an American National Standard (ANS) in terms that include the use of an essential patent claim (one whose use would be required for compliance with that standard) if it is considered that technical reasons justify this approach.

If an ANSI-Accredited Standards Developer (ASD) receives a notice that a proposed ANS or an approved ANS may require the use of such a patent claim, the procedures in this clause shall be followed.

3.1.1 Statement from patent holder

The ASD shall receive from the ~~identified party or~~ patent holder or a party authorized to make assurances on its behalf, in written or electronic form, either:

(a) assurance in the form of a general disclaimer to the effect that such party does not hold and does not currently intend holding any essential patent claim(s); or

(b) assurance that a license to such essential patent claim(s) will be made available to applicants desiring to utilize the license for the purpose of implementing the standard either:

(i) under reasonable terms and conditions that are demonstrably free of any unfair discrimination; or

(ii) without compensation and under reasonable terms and conditions that are demonstrably free of any unfair discrimination.

3.1.2 Record of statement

A record of the patent holder's statement shall be retained in the files of both the ASD and ANSI.

3.1.3 Notice

When the ASD receives from a patent holder the assurance set forth in 3.1.1 b above, the standard shall include a note substantially as follows:

> NOTE – The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights.
>
> By publication of this standard, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details may be obtained from the standards developer.

3.1.4 Responsibility for identifying patents

Neither the ASD nor ANSI is responsible for identifying patents for which a license may be required by an American National Standard or for conducting inquiries into the legal validity or scope of those patents that are brought to their attention.

ISO and IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

OTHER

IEC/DIS 31010, Risk management - Risk assessment guidelines, $155.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 11093-5, Paper and board - Testing of cores - Part 5: Determination of characteristics of concentric rotation - 8/28/2008, $33.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1825, Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling - Specification - 8/24/2008, $93.00

ISO/DIS 8942, Rubber compounding ingredients - Carbon black - Determination of individual pellet crushing strength - 8/24/2008, $46.00

ISO 21461/DAmd1, Preparation of test pieces from tyres - 8/24/2008, $53.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 28580, Passenger car, truck and bus tyres - Methods of measuring rolling resistance - Single point test and correlation of measurement results - 8/24/2008, $82.00

IEC Standards

56/1269/FDIS, IEC 61649 Ed. 2.0: Weibull analysis, 07/25/2008

86C/842/FDIS, IEC 61290-3 Ed. 2.0: Optical amplifiers - Test methods - Part 3: Noise figure parameters, 07/25/2008

CIS/I/265/FDIS, CISPR 22 Ed.6: Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement, 07/25/2008

Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 664:2008, Oilseeds - Reduction of laboratory sample to test sample, $43.00

ISO 1003:2008, Spices - Ginger (Zingiber officinale Roscoe) - Specification, $65.00

ISO 8586-2:2008, Sensory analysis - General guidance for the selection, training and monitoring of assessors - Part 2: Expert sensory assessors, $57.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 10524-4:2008, Pressure regulators for use with medical gases - Part 4: Low-pressure regulators, $122.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 11843-5:2008, Capability of detection - Part 5: Methodology in the linear and non-linear calibration cases, $86.00

COSMETICS (TC 217)

ISO 15819:2008, Cosmetics - Analytical methods - Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS-MS, $65.00

FINE CERAMICS (TC 206)

ISO 23146:2008, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test methods for fracture toughness of monolithic ceramics - Single-edge V-notch beam (SEVNB) method, $86.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19141:2008, Geographic information - Schema for moving features, $149.00

IMPLANTS FOR SURGERY (TC 150)

ISO 13356:2008, Implants for surgery - Ceramic materials based on yttria-stabilized tetragonal zirconia (Y-TZP), $80.00

ISO 16402:2008, Implants for surgery - Acrylic resin cement - Flexural fatigue testing of acrylic resin cements used in orthopaedics, $49.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 18437-4:2008, Mechanical vibration and shock - Characterization of the dynamic mechanical properties of visco-elastic materials - Part 4: Dynamic stiffness method, $98.00

POWDER METALLURGY (TC 119)

ISO 11877:2008, Hardmetals - Determination of silicon in cobalt metal powders - Photometric method, $43.00

ISO 17352:2008, Hardmetals - Determination of silicon in cobalt metal powders using graphite-furnace atomic absorption, $43.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 24698-1:2008, Rubber, raw - Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) - Part 1: Combustion (Dumas) method, $57.00

ISO 24698-2:2008, Rubber, raw - Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) - Part 2: Kjeldahl method, $65.00

SOLID MINERAL FUELS (TC 27)

ISO 23499:2008, Coal - Determination of bulk density, $49.00

STEEL (TC 17)

ISO 6316:2008, Hot-rolled steel strip of structural quality, $65.00

ISO 6317:2008, Hot-rolled carbon steel strip of commercial and drawing qualities, $73.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 6535:2008, Portable chain-saws - Chain brake performance, $43.00

ISO 10998:2008, Agricultural tractors - Requirements for steering, $92.00

ISO 21244:2008, Agricultural equipment - Mechanical connections between towed and towing vehicles - Implement hitch rings and attachment to tractor drawbars, $57.00

ISO Technical Reports

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO/TR 9464:2008, Guidelines for the use of ISO 5167:2003, $167.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 21707:2008, Intelligent transport systems - Integrated transport information, management and control - Data quality in ITS systems, $80.00

ISO Technical Specifications

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/TS 15530-4:2008, Geometrical Product Specifications (GPS) - Coordinate measuring machines (CMM): Technique for determining the uncertainty of measurement - Part 4: Evaluating task-specific measurement uncertainty using simulation, $110.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7811-6:2008, Identification cards - Recording technique - Part 6: Magnetic stripe - High coercivity, $110.00

ISO/IEC 14496-4/Amd21:2008, Conformance testing for MPEG-4 - Amendment 2: Geometry and shadow conformance, $16.00

ISO/IEC 14496-4/Amd24:2008, Conformance testing for MPEG-4 - Amendment 2: File format conformance, $16.00

ISO/IEC 14496-4/Amd25:2008, Conformance testing for MPEG-4 - Amendment 2: LASeR and SAF conformance, $16.00

ISO/IEC 15944-5:2008, Information technology - Business Operational View - Part 5: Identification and referencing of requirements of jurisdictional domains as sources of external constraints, $263.00

ISO/IEC 21000-18/Amd1:2008, Information technology - Multimedia framework (MPEG-21) - Part 18: Digital Item Streaming - Amendment 1: Simple fragmentation rule, $104.00

ISO/IEC 23002-2:2008, Information technology - MPEG video technologies - Part 2: Fixed-point 8x8 inverse discrete cosine transform and discrete cosine transform, $65.00

ISO/IEC 24713-2:2008, Information technology - Biometric profiles for interoperability and data interchange - Part 2: Physical access control for employees at airports, $149.00

ISO/IEC 29116-1:2008, Information technology - Supplemental media technologies - Part 1: Media streaming application format protocols, $149.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24720:2008, Information technology - Automatic identification and data capture techniques - Guidelines for direct part marking (DPM), $122.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

ANSI Accredited Standard Developers

Approval of Reaccreditation

American Dental Association (ADA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Dental Association (ADA), an ANSI Organizational Member, under revised operating procedures incorporating a new annex for the development of ADA's Smile Healthy program standards, effective May 27, 2008. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611-2678; PHONE: (312) 587-4129; FAX: (312) 440-2529; E-mail: bralowerp@ada.org.

Reaccreditations

NACE International

Comment Deadline: June 30, 2008

NACE International, an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of NACE International's revised operating procedures, or to offer comments, please contact: Ms. Linda Goldberg, Director, Technical Activities, NACE International, 1440 South Creek Drive, Houston, TX 77084; PHONE: (281) 228-6221; FAX: (281) 228-6321; E-mail: linda.goldberg@nace.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to NACE International by June 30, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office, FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

National Floor Safety Institute (NFSI)

Comment Deadline: June 30, 2008

The National Floor Safety Institute (NFSI), an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of NFSI's revised operating procedures, or to offer comments, please contact: Ms. Laura Cooper, Manager, Member Relations, National Floor Safety Institute, P.O. Box 92607; Southlake, TX 76092; PHONE: (817) 749-1700; FAX: (847) 749-1702; E-mail: laurac@nfsi.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d

As these revisions are available electronically, the public review period is 30 days. Please submit your comments to NFSI by June 30, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

International Organization for Standardization (ISO)

Assignment of International (ISO) Secretariat

ISO/TC 35/SC 14 – Protective paint systems for steel structures

Comment Deadline: June 13, 2008

ANSI has been advised that the National Association of Corrosion Engineers (NACE) wishes to serve as delegated ANSI Secretariat for the above ISO subcommittee relinquished by Norway.

This SC is covered by the scope of the main Technical Committee (ISO/TC 35), having the following scope:

> Standardization in the field of paints, varnishes and related products, including raw materials

Anyone wishing to comment on the delegation of this International Secretariat to NACE, please contact Henrietta Scully, ANSI, via e-mail at hscully@ansi.org by June 13th.

Relinquishment on January 1, 2009 of International (ISO) Secretariat

ISO/TC 24/SC 4 – Sizing by methods other than sieving

Comment Deadline: June 25, 2008

ANSI has been advised that ASTM International will be relinquishing the delegated ANSI Secretariat for ISO/TC 24/SC 4.

This SC is covered by the scope of the main Technical Committee (ISO/TC 24), as follows:

> Standardization pertaining to equipment and methods used in size classification of particulate material in solid or liquid state.

Anyone wishing to comment on the relinquishment of the ISO/TC 24/SC 4 Secretariat please contact Henrietta Scully, ANSI, via e-mail at hscully@ansi.org by June 25th.

U.S. National Committee of the IEC

U.S. Proposal for Initiation of International Standard

TC 57 – Power Systems Management and Associated Information Exchange

The following proposal for the initiation of an International Standard has been submitted to the International Electrotechnical Commission: 57: Power Systems Management and Associated Information Exchange

Title:

> Communication Systems for Distribution Feeder and Network Equipment

Scope:

> This standard will provide information models for information exchange with distribution feeder and network equipment, such as power electronics, switchgear, and other components listed below, to support automation of power distribution systems. This standard will refer to and extend existing information models from other parts of IEC61850 and define new models where required. This standard development will complement and be coordinated with development of CIM, but this standard will focus specifically on getting the information from distribution feeder and network equipment by developing the needed information models in the IEC61850 schema. Both existing and emerging distribution equipment types will be addressed. This standard will be based on existing standards for semantics, services, protocols, system configuration language, and architecture. It will be coordinated with IEC61850, IEC61968, IEC61970, and IEC62351 standards, and will include extensions to IEC61850.

For additional information please contact: Scott Neuman, Chief Technical Officer, UISOL, 16411 Dysprosium Street, NW, Ramsey, MN 55303, PHONE: (612) 703-4328, E-Mail: sneuman@uisol.com.

U.S. Technical Advisory Groups

Approval of Accreditation

U.S. TAG to ISO Project Committee 242 – Energy Management

ANSI's Executive Standards Council (ExSC) has approved the accreditation of a U.S. Technical Advisory Group to ISO Project Committee 242, Energy management, and the appointment of the Georgia Tech Energy & Environmental Management Center (GTEEMC) as TAG Administrator, effective May 23, 2008. The TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Anne A of the ANSI International Procedures. For additional information, please contact: Ms Deann Desai, Project Manager, GTEEMC, 760 Spring Street NW, Suite 330, Atlanta, GA 30332-0640; PHONE: (770) 605-4474; FAX: (404) 894-1192; E-mail: deann.desai@gatech.edu.

U.S. National Committee/IEC Appoints Technical Advisor to IEC Nanotechnology Technical Advisory Group (TAG)

The United States National Committee to the IEC (USNC) has appointed Dr. Brent Segal, Nantero, Inc. as the new Technical Advisor to the USNC TAG for IEC Technical Committee No. 113, *Nanotechnology standardization for electrical and electronic products and systems* (IEC TC 113), or "nano-electrotechnology." As technical advisor, Dr Segal will serve primarily as Chairman of the TAG.

Dr. Brent Segal, Nantero, Inc.

Dr. Segal is a co-founder and chief operating officer of Nantero, a leading nanotechnology company, where he oversees operations roles focusing on partnerships involving companies such as LSI Logic, BAE Systems, and ASM Lithography. He assists Nantero with intellectual property management and government programs involving the Navy and various agencies.

Segal was appointed to lead the TC 113 TAG because the USNC anticipates that his extensive background in nanoscale manufacturing and his experience in taking nanotechnology from the laboratory to mass manufacturing and practical use will be instrumental in helping the U.S. lead in the development of important international standards for nano-electrotechnical terminology; characterization and system interoperability for end-product industries such as photovoltaic systems; fuel cells; lithium-ion batteries; semiconductors; optics; and photonics.

According to Segal, "Nanoscale manufacturing is essential for the continued introduction of smaller, more functional and new devices and more efficient and lower cost renewable energy technologies. It's important for U.S. companies to join the TAG to help write common international standards because they will enable widespread mass manufacturing capabilities, and accelerate research and the deployment of these technologies and their benefits to society.

"Our TAG's participation in the development of these standards is vital to ensuring U.S. competitiveness in these emerging fields. Otherwise, other regions of the world will continually gain an advantage over us in market penetration," Segal said. "I very much look forward to working with the TAG membership in developing these standards, and making them available to those that make use of them."

Segal replaces Dr. Herbert Bennett, NIST, who stepped down at the end of last year.

For additional information on this USNC TAG contact: Mr Mike Leibowitz, National Electrical Manufacturers Association (NEMA), TAG Administrator,
(Tel: 703 841 3264 E-Mail: mik_leibowitz@nema.org)

Non- editorial Changes Made to P3-A 003:200x as a Result of the Canvass Body Recirculation Ballot

C2 **Metals**

C2.1 Metal product contact surfaces shall be specified by the user from among the metals listed in P3-A 002 . Metals shall be suitable for all phase of the process, including cleaning and steaming.

D2 **Permanent Joints**

D2.2 Casing drain connection, if specified, shall have a full penetration weld ground flush on the product contact surface. Product contact surfaces ~~should have~~ shall be a maximum surface roughness of 63 µin Ra (1.6 µm Ra) finish and be free of imperfections such as pits, folds, and crevices.

D5 **Draining**

D5.1 All product contact surfaces shall be ~~drainable~~ smooth and tapered to prevent the collection of fluids without pump disassembly or removal.

D10 **Steam, Water, or Chemical Treatment Provisions**

D10.1.2 In a processing system to be treated using steam or water and operated at a temperature of 250°F (121°C) or higher, all pumps shall be designed and constructed such that they can be (1) treated by saturated steam or water under pressure (at least 15.3 psig or 106 kPa) at a temperature of at least 250°F (121°C) for a minimum time duration of 30 minutes, and (2) operated at the temperature required for processing. Other conditions may be used when demonstrated to be effective.

D10.1.3 In a processing system to be treated by chemical means, all pumps shall be capable of ~~being placed under~~ sustaining vacuum while idle.

A112.19.8a

[Changes to February 2008 Draft]

3.2 Ultraviolet Light Exposure Test

Either Test Method 1 or Test Method 2 may be utilized.
Test Method 1 is suited for products small enough to fit into the UV Test Chamber, while Test Method 2 is suitable for all products.
If test method 1 is used then the Ultraviolet test as well as all the structural tests are performed on the ~~full~~ complete (as sold) samples.
If test method 2 is used then the Ultraviolet test is performed on “dogbone” samples molded per ASTM D638 from the same resin as the final production samples. The tensile strength and izod impact tests are performed on 2 sets of the “dogbone” samples, set A is non exposed and set B is exposed to the ultraviolet test. In addition all the applicable structural tests (3.3-~~3.7~~3.8) are also performed on the ~~full~~ complete (as sold) virgin samples. The performance requirements for those tests however will be adjusted per section 3.2.2.3 of this standard.

Exception: Manufactured sumps and other fitting components that are not exposed to natural UV radiation when fully assembled and installed according to the manufacturer's instruction shall not be required to be included in the Ultraviolet Light Exposure Test.

3.2.1.1 Test Method 1. Specimens shall be mounted inside the …

The exposed specimen shall be permitted to be transported from one laboratory to another ~~via express shipment~~, provided time requirements are met.

3.2.1.2 Performance Requirement. All the specimens that were subject to the UV Test Method 1 shall comply with all performance requirements of the structural integrity tests in para. 3.3 through 3.8.

3.2.2 Test Method 2. Samples of the fitting polymeric materials shall be exposed to ultraviolet light in accordance with the options specified in ~~3.3.1.1~~ 3.2.1(a), (b), or (c) Test Method 1 above and then to the tests specified in 3.2.2.1 – 3.2.2.2.

3.2.2.1 Tensile Strength. Samples of virgin material (A) and UV-exposed material (B) shall be evaluated for tensile strength …

3.2.2.2 Izod Impact. Samples of virgin material (A) and UV-exposed material (B) shall be evaluated for impact strength as…

3.2.2.3 Performance Requirement. Samples of the material shall retain at least 70 percent of the unconditioned (virgin) value when the tests indicated in 3.2.2.1 and 3.2.2.2 are performed. An intensification factor K shall be defined as the inverse of the lowest retained proportion. The applicable structural integrity tests, i.e., 3.3, 3.4, 3.5, 3.6, 3.7 and 3.8 will be conducted on the complete (as sold) non UV exposed samples at loadings equal to the base values multiplied by the intensification factor, K. For example, if 80% of the tensile strength is retained in 3.2.2.1, and 85% of the Izod unit energy is retained, then K = 1/ 0.80 = 1.25. This will assure that adequate strength remains after service aging.

3.7 ~~Vacuum~~ Pressure Differential and Point Impact Test

The same six fittings used in the Shear Load Test (para. 3.6) shall be tested.

3.8 Pull Load Test

Pull Load Testing shall be required of all fittings with openings of 0.375 in. (9.53 mm) or more affording a finger grip. The measurements shall be done on the anticlastic surface when required for the hair test, para. 4.1.5.7. The same six fittings used in the Vacuum and Point Impact Test (see para. 3.7) shall be tested.

3.9.1 Test Method: One sample of the complete (as sold) non UV exposed fitting is to be placed in a full draft circulating air oven maintained at a uniform temperature of 60ºC (140ºF). …

3.9.2 Performance Requirement: ~~The sample shall not distort to the extent it cannot pass the Hair and Body Entrapment Tests.~~ This sample shall be used for the Hair and Body Entrapment Tests to insure compliance therewith.

BSR/UL 1638

32 General

32.1 Instructions shall be provided when required for the installation and operation of the appliance.

32.2 An installation drawing shall be provided showing the values of light output at various viewing angles.

32.3 If electrical ratings are included, they shall be as specified in 33.1 d).

BSR/UL 1971

48 General

48.1 Instructions shall be provided for the installation and operation of the appliance or system.

48.2 An installation drawing shall be provided showing the values of light output at various viewing angles for signaling lights, or in the case of other signaling appliances such as vibrators, an illustration showing maximum and minimum signal strength with regard to product orientation, adjustment, and alignment.

48.3 A signaling system shall comply with the requirements in the Standard for Control Units for Fire-Protective Signaling Systems, UL 864, or with the applicable requirements in the Standard for Household Fire Warning System Units, UL 985, as appropriate.

48.4 The installation instructions for a synchronization system shall include the maximum and minimum number of visible signaling appliances which are intended to be used on a circuit. The maximum wire impedance between appliances shall also be indicated.

48.5 If electrical ratings are included, they shall be as specified in 49.1 c).