ANSI STANDARDS ACTION

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Contents

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

⋆ Standard for consumer products

ISSN 0038-9633

Comment Deadline: January 16, 2005

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1277-200x, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (bulletin dated December 17, 2004) (revision of ANSI/UL 1277-2003)

This bulletin proposes revisions of UL 1277 to recognize the use of sector conductors in 3-conductor compact-stranded 1/0 AWG - 750 kcmil Type MC cables.

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

Send comments (with copy to BSR) to: Camille Alma, UL; Camille.A.Alma@us.ul.com

BSR/UL 1569-200x, Standard for Safety for Metal-Clad Cables (Bulletin dated December 17, 2004) (revision of ANSI/UL 1569-2004)

This bulletin proposes revisions of UL 1569 to recognize the use of sector conductors in 3-conductor compact-stranded 1/0 AWG - 750 kcmil Type MC cables.

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

Send comments (with copy to BSR) to: Camille Alma, UL; Camille.A.Alma@us.ul.com

Comment Deadline: January 31, 2005

ASC X9 (Accredited Standards Committee X9, Incorporated)

Withdrawals

BSR X9.19-1996, Financial Institution Retail Message Authentication (withdrawal of ANSI X9.19-1996)

This standard establishes a universally applicable method to authenticate financial messages for retail transactions. This standard explains how to protect EFT systems against message alteration and fraudulent insertion of messages.
Single copy price: $90.00

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR/ATIS 0300007-200x, Identification of Physical Network Resources (new standard)

The area of interest is the communication between operators about network interconnections, extended to include the identification of all pertinent Physical Network Resources (PNR). The objects of communications are physical network resources and their interconnection points. The application schema defined in this document provides correct terms for these objects.
Single copy price: $151.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

Revisions

BSR/ATIS 0322000-200x, Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange (revision of ANSI T1.220-2000)

This standard identifies the structure and the coded format representation of identifying the manufacturers, suppliers, and related service companies that provide products to the communications industry.
Single copy price: $43.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

BSR/ATIS 0325300-200x, Identification of Location Entities for Information Exchange (revision of ANSI T1.253-1999)

This standard is intended for general use to provide a common method of identification of location entities. The code described in this standard is intended to be used for information exchange between humans, between humans and machines, and between machines.
Single copy price: $58.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

BSR/ATIS 0326600-200x, Structure for the Identification of Telecommunications Circuits for Information Exchange (revision of ANSI T1.266-2000)

This standard addresses the code and format structures for identifying message trunks, message trunk groups and special services circuits.
Single copy price: $58.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

BSR/ATIS 0326900-200x, Structure and Representation of Trace Message Formats for Information Exchange (revision and redesignation of ANSI T1.269-2000)

This standard identifies the structure and the coded representation for trace message formats. Specifically, trace message formats are described in a manner that makes them independent of a transmission layer or technology, e.g., SONET, SDH, optical. Application of this standard to optical networks is for futher study.
Single copy price: $96.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

Supplements

BSR/ATIS 0610700a-200x, Digital Hierarchy - Format Specifications (supplement to ANSI T1.107-2002)

This supplement to T1.107-2002 adds the virtual concatenation applications for DS1 and DS3 signals. These virtual concatenation applications include the Link Capacity Adjustment Scheme (LCAS).
Single copy price: $43.00

Order from: Aivelis Colon, ATIS; acolon@atis.org
Send comments (with copy to BSR) to: Same

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

New Standards

Draft INCITS 395-200x, Information Technology - Biometric Data Interchange Formats - Signature/Sign Data (new standard)

This Standard specifies a concept and data interchange format for representation of digitized sign or signature data, including time-series-based X, Y-coordinate data and, optionally, data representing pressure and pen angle, for the purposes of biometric enrollment, verification or identification.
Single copy price: $18.00

Order from: INCITS, www.incits.org or ANSI Electronic Standards Store, www.ansi.org (electronic); Global Engineering Documents; www.global.ihs.com, (800) 854-7179 (hard-copy)
Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

NCPDP (National Council for Prescription Drug Programs)

Revisions

BSR/NCPDP SC V8.0-200x, Prescriber/Pharmacist Interface SCRIPT Version 8.0 (revision and redesignation of ANSI/NCPDP SC V7.0-200x)

The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.
Single copy price: $650.00 for all standards

Order from: Lynne Gilbertson, NCPDP; lgilbertson@ncpdp.org
Send comments (with copy to BSR) to: Same

BSR/NCPDP TC VC.0-200x, Telecommunication Standard Version C.0 (revision and redesignation of ANSI/NCPDP TC VB.0-200x)

The standard supports the format for electronic communication of pharmacy service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content and other appropriate telecommunication requirements.
Single copy price: $650.00 for all standards

Order from: Lynne Gilbertson, NCPDP; lgilbertson@ncpdp.org
Send comments (with copy to BSR) to: Same

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 222-G-200x, Structural Standard for Antenna Supporting Structures and Antennas (revision and redesignation of ANSI/TIA 222-F-1996 (R2003))

This Standard provides the requirements for the structural design and fabrication of new and the modification of existing structural antennas, antenna-supporting structures, mounts, structural components, guy assemblies, insulators and foundations.

Single copy price: $243.00

Order from: Global Engineering Documents; www.global.ihs.com; 800-854-7179
Send comments (with copy to BSR) to: Susanne White, TIA; swhite@tiaonline.org

Reaffirmations

BSR/TIA 455-95A-2000 (R200x), Absolute Optical Power Test for Optical Fibers and Cables (reaffirmation of ANSI/TIA 455-95A-2000)

The intent of this test procedure describes a method for determining the total optical power emanating from an optical fiber. This procedure may be used for, but is not limited to, measuring the attenuation of the fiber or cable, the loss of terminating devices or methods, the amount of optical power coupled into the fiber by a source, or the optical power at the system receiver.
Single copy price: Free

Order from: Global Engineering Documents; www.global.ihs.com; 800-854-7179
Send comments (with copy to BSR) to: Susanne White, TIA; swhite@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 69-200x, Standard for Safety for Electric-Fence Controllers (Proposal dated 12-17-04) (revision of ANSI/UL 69-2003)

Update of the reference to the Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, ASTM A525.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Beth Northcott, UL-IL; Elizabeth.Northcott@us.ul.com

VITA (VMEbus International Trade Association (VITA))

Revisions

BSR/VITA 20-200x, Conduction Cooled PMC (revision of ANSI/VITA 20-2001)

This standard defines the methodology and implementation details to allow the creation of conduction cooled PMC modules to ensure electrical and physical compatibility with various host card modules onto which conduction-cooled PMCs are mounted. A revision is proposed that will reduce the possibility of connector fretting.
Single copy price: No Charge for electronic copy

Order from: Lollie Wheeler, VITA; lollie@vita.com
Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com

Comment Deadline: February 15, 2005

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME B16.21-200x, Nonmetallic Flat Gaskets for Pipe Flanges (new standard)

Covers types, sizes, materials, dimensions, tolerances, and markings for nonmetallic flat gaskets. These gaskets are dimensionally suitable for use with flanges described in the referenced flange standards.
Single copy price: $20.00

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Patricia Reddington, ASME; reddingtonp@asme.org

Revisions

BSR/ASME B107.4M-200x, Driving and Spindle Ends for Portable Hand, Impact, Air, and Electric Tools (revision of ANSI/ASME B107.4M-1995 (R2002))

Applies to portable power tools for drilling, grinding, polishing, sawing, and driving threaded fasteners and hand tools for driving threaded fasteners. Other tools not classified as percussion tools belong in this category and may be added by revision or addition through the usual procedure. This Standard includes dimensions and tolerances for both driving and driven elements where such coordination is important and not established by reference to the pertinent American National Standards. All dimensions are in inches and millimeters.
Single copy price: $20.00

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME; karianj@asme.org

★ BSR/ASME B107.48-200x, Metal Chisels, Punches, and Drift Pins: Safety Requirements (revision, redesignation and consolidation of ANSI/ASME B107.47M-1998 & ANSI/ASME B107.48M-1998)

Provides performance and safety requirements for hand-held and handled metal chisels, punches, and drift pins. Chisels are intended specifically for use in cutting and shaping metal objects. Punches and drift pins are intended specifically for use in marking metal, for driving and removing such things as pins and rivets, and for aligning holes in different sections of material. Power driven chisels, punches, and drift pins are excluded from this Standard. This Standard is intended to serve as a guide in selecting, testing, and using the hand tools covered.
Single copy price: $20.00

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME; karianj@asme.org

ASSE (American Society of Sanitary Engineering)

New Standards

BSR/ASSE 1014-2004, Performance Requirements for Backflow Prevention Devices for Hand-Held Showers (new standard)

These devices provide backflow protection against backsiphonage and backpressure in hand-held showers. They are separate devices or are integral with wall- or deck-mounted tub fillers, flexible hoses, or components that are attached to shower arms.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1016-2004, Performance Requirements for Automatic Compensating Valves for Individual Showers and Showers in Tub/Shower Combinations (new standard)

Automatic compensating valves for individual showers and tub/shower combinations are intended to control the water temperature to wall-mounted shower heads either in individual shower or tub/shower combination fixtures to reduce the risk of scalding and thermal shock. They are installed at the point-of-use, where the bather has access to flow and final temperature control mechanisms, and where the water temperature cannot be adjusted downstream of the device.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1069-2004, Performance Requirements for Automatic Temperature Control Mixing Valves (new standard)

These devices control the water temperature to individual or multiple fixtures to reduce the risk of scalding and thermal shock. Shutoffs downstream of the device are permitted. They are installed where the bather does not have access to the temperature adjustment means, and where there is no further mixing of water downstream.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1079-2005, Performance Requirements for Dielectric Pipe Unions (new standard)

Dielectric pipe unions are used to join dissimilar pipe materials to prevent the flow of galvanic current or to isolate sections of pipe from stray currents which would cause accelerated corrosion of the pipe systems and premature failure of the plumbing components and pipes.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

Revisions

BSR/ASSE 1013-2004, Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers (revision of ANSI/ASSE 1013-1999)

The purpose of an RP and an RPF is to keep contaminated water from flowing back into a potable water distribution system. They consist of two independently acting check valves separated by an intermediate chamber in which there is an hydraulically operated relief means for venting to atmosphere. These assemblies are designed to operate under continuous pressure conditions. This standard also applies to Manifold RPs that consist of two or more complete RPs in parallel.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1015-2004, Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies (revision of ANSI/ASSE 1015-1999)

The purpose of a DC and a DCF is to keep contaminated water from flowing back into a potable water distribution system. They consist of two independently-acting check valves, two shut-off valves and test cocks. These assemblies are designed to operate under continuous or intermittent pressure conditions. This standard also applies to Manifold DCs that consist of two or more complete DCs in parallel.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1047-2004, Reduced Pressure Detector Assembly Backflow Preventer (revision of ANSI/ASSE 1047-1999)

RPDFs keep contaminated water from fire protection systems from flowing back into a potable water distribution system when the pressure in the fire sprinkler system is higher than the pressure in the potable water system. They detect low rates of flow up to 2 GPM within the sprinkler system caused by leakage or unauthorized use. They consists of two check valves separated by an intermediate chamber with venting to atmosphere, and a bypass line. This standard applies to Manifold RPDFs that consist of two or more complete RPDFs in parallel.
Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

BSR/ASSE 1048-2004, Double Check Detector Assembly Backflow Preventor (revision of ANSI/ASSE 1048-1999)

DCDFs keep contaminated water from fire protection systems from flowing back into a potable water distribution system when the pressure in the fire sprinkler system is higher than the pressure in the potable water system. They detect low rates of flow up to 2 GPM within the sprinkler system caused by leakage or unauthorized use. They consists of two check valves, two shutoff valves and test cocks and a bypass line. This standard applies to Manifold DCDFs that consist of two or more complete DCDFs in parallel.

Single copy price: $40.00

Order from: Shirley Taylor, ASSE
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE: shannon@asse-plumbing.org

AWS (American Welding Society)

Revisions

BSR/AWS D1.4-200x, Structural Welding Code - Reinforcing Steel (revision of ANSI/AWS D1.4-1998)

This code covers the requirements for welding reinforcing steel in most reinforced concrete applications. It contains a body of rules for the regulations of welding reinforcing steel and provides suitable acceptance criteria for such welds.
Single copy price: $13.50

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

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

Revisions

BSR Z83.11b-200x, Gas Food Service Equipment (same as CSA 1.8b) (revision of ANSI Z83.11-2002 and ANSI Z83.11a-2004)

Details test and examination criteria for gas food service equipment for use with natural, manufactured and mixed gases, propane, liquefied petroleum gases and LP gas-air mixtures. The standard provides coverage for ranges and unit broilers, baking and roasting ovens, counter appliances, deep fat fryers and kettles, steam cookers and steam generators.
Single copy price: $35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 2601-1-199x, Standard for Safety for Medical Electrical Equipment, Part 1: General Requirements (new 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.

Order from:

ANSI
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Web: www.ansi.org

ASC X9
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Fax: (212) 591-8501
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ASSE (Organization)
American Society of Sanitary Engineering
901 Canterbury Road, Suite A
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Fax: (440) 835-3488
Web: www.asse-plumbing.org

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comm2000
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Web: www.comm-2000.com

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Web: www.csa.ca/english/home/index.htm

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VITA
VMEbus International Trade Association (VITA)
PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Web: www.vita.com/

Final actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI ID26-2004, Medical Electrical Equipment - Part 2: Particular Requirements for the Safety of Infusion Pumps and Controllers (revise and partition ANSI/AAMI ID26-1998): 12/9/2004

New National Adoptions

ANSI/AAMI II36-2004, Medical electrical equipment - Part 2: Particular requirements for safety of baby incubators (national adoption with modifications and revision of ANSI/AAMI II36-1997): 12/9/2004

ANSI/AAMI II51-2004, Medical electrical equipment - Part 2: Particular requirements for safety of transport incubators (national adoption with modifications and revision of ANSI/AAMI II51-1996): 12/9/2004

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME NOG-1-2004, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) (revision of ANSI/ASME NOG-1-2002): 12/9/2004

ASTM (ASTM International)

New Standards

ANSI/ASTM F2434-2004, Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing (new standard): 12/1/2004

Reaffirmations

ANSI/ASTM D374-1994 (R2004), Test Methods for Thickness of Solid Electrical Insulation (reaffirmation of ANSI/ASTM D374-1994): 12/1/2004

ANSI/ASTM D495-1999 (R2004), Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (reaffirmation of ANSI/ASTM D495-1999): 12/1/2004

ANSI/ASTM D1039-1999 (R2004), Test Methods for Glass-Bonded Mica Used as Electrical Insulation (reaffirmation of ANSI/ASTM D1039-1999): 12/1/2004

ANSI/ASTM D1305-1998 (R2004), Specification for Electrical Insulating Paper and Paperboard Sulfate Kraft Layer Type (reaffirmation of ANSI/ASTM D1305-1998): 12/1/2004

ANSI/ASTM D4063-1999 (R2004), Specification for Pressboard for Electrical Insulating Purposes (reaffirmation of ANSI/ASTM D4063-1999): 12/1/2004

ANSI/ASTM D4243-1998 (R2004), Test Method for Measurement of Average Viscometric Degree of Polymerization of New and Aged Electrical Papers and Boards (reaffirmation of ANSI/ASTM D4243-1998): 12/1/2004

ANSI/ASTM D6343-1999 (R2004), Test Methods for Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications (reaffirmation of ANSI/ASTM D6343-1999): 12/1/2004

Revisions

ANSI/ASTM D2321-2004, Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications (revision of ANSI/ASTM D2321-2000): 12/1/2004

ANSI/ASTM E29-2004, Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM E29-1993 (R99)): 12/1/2004

ANSI/ASTM F1679-2004, Test Method for Using a Variable Incidence Tribometer (VIT) (revision of ANSI/ASTM F1679-00): 9/1/2004

ANSI/ASTM F2262-2004, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled SDR9 (revision of ANSI/ASTM F2262-2000): 12/1/2004

AWS (American Welding Society)

New Standards

ANSI/AWS D8.7-2004, Recommended Practice for Automotive Weld Quality - Resistance Spot Welding (new standard): 12/9/2004

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

Reaffirmations

INCITS/ISO/IEC 2382-2-1976 (R2004), Information technology - Vocabulary - Part 2: Arithmetic and logic operations (reaffirmation of INCITS/ISO/IEC 2382-2-1976): 12/10/2004

INCITS/ISO/IEC 2382-5-1989 (R2004), Information technology - Vocabulary - Part 5: Representation of data (reaffirmation of INCITS/ISO/IEC 2382-5-1989): 12/10/2004

INCITS/ISO/IEC 2382-7-1989 (R2004), Information technology - Vocabulary - Part 7: Computer programming (reaffirmation of INCITS/ISO/IEC 2382-7-1989): 12/10/2004

INCITS/ISO/IEC 2382-9-1995 (R2004), Information technology - Vocabulary - Part 9: Data Communication (reaffirmation of INCITS/ISO/IEC 2382-9-1995): 12/10/2004

Withdrawals

INCITS/ISO/IEC 10031-1-1991, Information Technology - Text and Office Systems - Distributed-Office-Applications Model - Part 1: Distinguished-Object-Reference and Associated Procedures (withdrawal of INCITS/ISO/IEC 10031-1-1991): 12/10/2004

NFPA2 (National Fluid Power Association)

Withdrawals

ANSI B93.20M-1972 (R1994), Hydraulic fluid power - Fluid sample containers - Qualifying and controlling cleaning methods (withdrawal of ANSI B93.20M-1972 (R1994)): 12/9/2004

ANSI B93.54M-1981, Hydraulic Fluid Power - Assembled Systems - Method for Achieving Roll-Off Cleanliness (withdrawal of ANSI B93.54M-1981 (R1988)): 12/9/2004

NSF (NSF International)

Revisions

ANSI/NSF 2-2004 (i9), Food Equipment (revision of ANSI/NSF 2-1996): 12/3/2004

ANSI/NSF 58-2004 (i30), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2002): 11/29/2004

TIA (Telecommunications Industry Association)

Supplements

ANSI/TIA 968-A-3-2004, Telecommunications, Telephone Terminal Equipment, Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 3 (supplement to ANSI/TIA 968-A-2002): 12/9/2004

UL (Underwriters Laboratories, Inc.)

Revisions

★ ANSI/UL 30-2004, Standard for Metal Safety Cans (revision of ANSI/UL 30-1999): 12/8/2004

ANSI/UL 32-2004, Standard for Metal Waste Cans (revision of ANSI/UL 32-1999): 12/8/2004

★ ANSI/UL 153-2004, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2004): 12/9/2004

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

Revisions

ANSI O1.1-2004, Woodwoking Machinery - Safety Requirements (revision of ANSI O1.1-1992 (R2002)): 12/9/2004

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.

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.

AGMA (American Gear Manufacturers Association)

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Alexandria, VA 22314-1560

Contact: *William Bradley*

Fax: (703) 684-0242

E-mail: tech@agma.org

BSR/AGMA 2015-2-200x, Accuracy Classification System for Cylindrical Gears - Radial Measurements (new standard)

Stakeholders: Designers, manufacturers and users of cylindrical

Project Need: To provide a method of communication of accuracy requirements between designers, manufacturers and users of cylindrical gears.

Establishes a system of accuracy relevant to radial composite deviations of individual cylindrical involute gears. It specifies the appropriate definitions of gear tooth accuracy terms, the structure of the gear accuracy system and the allowable values of the above-mentioned deviations.

ALI (ASC A14) (American Ladder Institute)

Office: 401 N. Michigan Avenue
Chicago, IL 60611

Contact: *Ron Pietrzak*

Fax: (312) 527-6705

E-mail: rpietrzak@smithbucklin.com

BSR A14.1-200x, Ladders - Wood Safety Requirements (revision of ANSI A14.1-2000)

Stakeholders: Consumers, Trade, Telecom Industry.

Project Need: Update standard on five-year cycle.

Prescribes rules and establishes minimum requirements for construction, testing, care, and use of common types of portable wood ladders described herein in order to ensure safety under normal conditions of usage. It does not cover step stools (furniture type), except ladder type step stools.

BSR A14.2-200x, Ladders - Portable Metal - Safety Requirements (revision of ANSI A14.2-2000)

Stakeholders: Consumers, Trade, Telecom Industry.

Project Need: Update standard on five-year cycle.

Prescribes rules governing the safe construction, design, testing, care and use of portable metal ladders of various types including, ladder type step stools, portable extension, step trestle, sectional, combination, single, platform, and articulating ladders, but excluding: ladders in and on mines, fire services, mobile equipment, hoisting equipment, work platforms, antenna communications towers, transmission towers, utility poles, and chimneys.

BSR A14.5-200x, Ladders - Portable Reinforced Plastic - Safety Requirements (revision of ANSI A14.5-2000)

Stakeholders: Consumers, Trade, Telecom Industry.

Project Need: Update standard on five-year cycle.

Prescribes rules governing the safe construction, design, testing, care and use of portable reinforced plastic ladders of various types including, ladder type step stools, portable extension, step, trestle sectional, combination, single, platform, and articulating ladders, but excluding: ladders in and on mines, the fire services, mobile equipment, hoisting equipment, work platforms, antenna communications towers, transmission towers, utility poles and chimneys.

BSR A14.7-200x, Mobile Ladder Stands and Mobile Ladder Stand Platforms (revision of ANSI A14.7-2000)

Stakeholders: Consumers, Trade, Telecom Industry.

Project Need: Update standard on five-year cycle.

Prescribes rules and requirements governing the proper design, construction, testing, care, use and maintenance of mobile ladder stands and mobile ladder stand platforms including labeling/marking of these units.

BSR A14.10-200x, Ladders - Portable Special Duty Ladders (revision of ANSI A14.10-2000)

Stakeholders: Consumers, Trade, Telecom Industry.

Project Need: Update standard on five-year cycle.

Prescribes rules governing the safe construction, design, testing, care and use of special duty rating of 375 lbs. portable metal and reinforced plastic ladders of various types including portable extension, single, sectional, step, trestle (double format) and platform ladders.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60525

Contact: *Pat Schroeder*

Fax: (708) 352-6464

E-mail: pschroeder@ans.org

BSR/ANS 8.27-200x, Criteria for Accounting for Irradiation of LWR Fuel in Criticality Safety Analyses for Applications Outside of Reactor Cores (new standard)

Stakeholders: The stakeholders consist of the nuclear criticality safety Personnel supporting design of spent fuel systems. Specifically this list includes cask vendors, spent fuel pool analysts (from cask vendor, fuel vendors, and utilities), disposal criticality analysts, and regulators.

Project Need: Burnup credit (BUC) is of national and international interest. It is commonly used in the analyses of PWR spent fuel pools but significant variations exist. Cask vendors intend to use BUC in their cask analyses in the near future. Consensus on BUC analyses would be of great value.

The standard provides criteria for processes and techniques used for criticality safety evaluations of irradiated light water reactor fuel assemblies in storage, transportation and disposal.

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

Office: 1791 Tullie Circle, NE
Atlanta, GA 30329-2305

Contact: *Elizabeth Baker*

Fax: (404) 321-5478

E-mail: lbaker@ashrae.org

BSR/ASHRAE 183P-200x, Methods and Procedures for Performing Cooling and Heating Load Calculations in Nonresidential Buildings (new standard)

Stakeholders: Architect Engineers, Mechanical System Designers, Mechanical Design Firms, Mechanical Contractors, Architects, Builders, Air-conditioning Equipment Manufacturers, Building Code Officials, Others

Project Need: This standard establishes methods and procedures for performing cooling and heating load calculations for nonresidential buildings.

This standard sets minimum requirements for methods used to perform cooling and heating load calculations for nonresidential buildings and for the execution of those methods.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME B16.47-200x, Large Diameter Steel Flanges NPS 26 Through NPS 60 Metric Inch (revision of ANSI/ASME B16.47-1996)

Stakeholders: This is a general standard used in the mechanical engineering field.

Project Need: This standard reintroduces and updates the standard for large diameter steel flanges NPS 26 through NPS 60, which was last published in 1996. The new standard also includes metric dimensions.

Covers pressure-temperature ratings, materials, dimensions, tolerances, marking, and testing for pipe flanges in sizes NPS 26 through NPS 60. Included here are flanges with rating designations 75, 150, 300, 400, 600, and 900 with requirements given in metric and US Customary Units with diameter of bolts and flange bolt holes expressed in inch units. This Standard is limited to flanges made from cast or forged materials and blind flanges made from cast, forged or plate materials.

BSR/ASME B16.48-200x, Steel Line Blanks (revision of ANSI/ASME B16.48-1997)

Stakeholders: This is a general standard used in the mechanical engineering field.

Project Need: This standard reintroduces and updates the standard for line blanks, which was last published in 1997. The new standard also includes metric dimensions.

This Standard covers pressure-temperature ratings, materials, dimensions, tolerances, marking, and testing for operating line blanks in sizes NPS 1/2 through NPS 24 for installation between ASME B16. 5 flanges in the 150, 300, 600, 900, 1500, and 2500 pressure classes.

BSR/ASME B107.15-200x, Flat Tip Screwdrivers (revision of ANSI/ASME B107.15-2002)

Stakeholders: Manufacturers of screwdrivers and consumers (Cabinetmakers, carpenters, sheet metal workers, production workers, mechanics, etc.).

Project Need: To correct an error in the test block dimensioning in ANSI/ASME B107.15-2002.

This Standard covers straight handle-type screwdrivers of flat tip design intended for manual operation in driving or removing screws with slotted recesses. The screwdrivers are of the types normally used by cabinetmakers, carpenters, sheet metal workers, production workers, mechanics, etc. The intention is to specify performance rather than design detail.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

Contact: *Helene Skloff*

E-mail: hskloff@astm.org

BSR/ASTM WK480-200x, Specification for Headgear Used for Soccer (new standard)

Project Need: A standard is needed to ensure that headgear sold for protection while playing soccer actually offers a minimum level of protection against the impacts normally encountered in the sport.

Covers headgear to protect soccer players from the prevalent major impacts in the game, including those with other players, the playing field, and goal posts.

BSR/ASTM WK6536-200x, Condition Monitoring of Nitration in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: User of Fourier transform infrared; FT-IR; infrared; IR; condition monitoring.

Project Need: To develop the eight elements associated with Fourier transform infrared condition monitoring as individual, stand-alone standards based on generalized oil categories.

Is part of a series of FTIR condition monitoring standards being proposed for monitoring and trending used petroleum- and hydrocarbon-based lubricants for changes in water, soot, oxidation, nitration, antiwear components, fuel dilution (gasoline or diesel), sulfate by-products and ethylene glycol.

BSR/ASTM WK6539-200x, Condition Monitoring of Soot in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: Used of Fourier transform infrared; FT-IR; infrared; IR; condition monitoring.

Project Need: To develop the eight elements associated with Fourier transform infrared condition monitoring as individual, stand-alone standards based on generalized oil categories.

Is part of a series of FTIR condition monitoring standards being proposed for monitoring and trending used petroleum- and hydrocarbon-based lubricants for changes in water, soot, oxidation, nitration, antiwear components, fuel dilution (gasoline or diesel), sulfate by-products and ethylene glycol. Most, if not all of these parameters are meaningful measurements in relation to quality changes in hydrocarbon-based combustion engine crankcase lubricants.

BSR/ASTM WK6540-200x, Condition Monitoring of Fuel (Diesel and Gasoline) Contamination in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: User of Fourier transform infrared; infrared; FT-IR; IR; condition monitoring

Project Need: To develop the eight elements associated with Fourier transform infrared condition monitoring as individual, stand-alone standards based on generalized oil categories.

Is part of a series of FTIR condtion monitoring standards being proposed for monitoring and trending used petroleum- and hydrocarbon-based lubricants for changes in water, soot, oxidation, nitration, antiwear components, fuel dilution (gasoline or diesel), sulfate by-products and ethylene glycol.

BSR/ASTM WK6542-200x, Condition Monitoring of Water Contamination in Used Petroleum and Synthetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: User of Fourier transform infrared; FT-IR; infrared; IR; condtion monitoring.

Project Need: To develop the eight elements associated with Fourier transform infrared condition monitoring as individual, stand-alone standards based on generalized oil categories.

Is part of a series of FTIR condition monitoring standards being proposed for monitoring and trending used petroleum- and hydrocarbon-based lubricants for changes in water, soot, oxidation, nitration, antiwear components, fuel dilution (gasoline or diesel), sulfate by-products and ethylene glycol.

BSR/ASTM WK6543-200x, Condition Monitoring of Antiwear Depletion in Used Petroelum and Syntetic Hydrocarbon Based Lubricants by Trend Analysis using Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: User of Fourier transform infrared; FT-IR; infrared; IR condtion monitoring.

Project Need: To develop the eight elements associated with Fourier transform infrared condition monitoring as individual, stand-alone standards based on generalized oil categories.

Is part of series of FTIR condition monitoring standards being proposed for monitoring and trending used petroleum- and hydrocarbon-based lubricants for changes in water, soot, oxiation, nitration, antiwear componets, fuel dilution (gasoline or diesel), sulfate by-products and ethylene glycol.

BSR/ASTM WK6553-200x, Standard Terminology for Health Information Systems (new standard)

Stakeholders: Anticipated users cover the entire range of the healthcare industry.

Project Need: There continues to be considerable confusion about terms such as Computer-based Patient Record, Electronic Medical Record, Patient Health Record, etc. This document will establish a consensus baseline to define such terms.

This document presents a standardized terminology for health information systems.

BSR/ASTM WK6554-200x, Standard Specification for the Representation of Encoded Data in Health Information Systems (new standard)

Stakeholders: Potential users range from healthcare providers, regulatory organizations and the government, vendors, payors, and others.

Project Need: Provides a framework and process to use codes more efficiently and to compare codes from various coding systems.

Presents a standardized practice for constructing and representing encoded data used in healthcare information systems. This data structure provides a means to readily identify the code system and version along with the coded value through a single composite value.

BSR/ASTM WK6568-200x, Standard Practice for the Sectional Repair of Damaged Pipe by Means of an Air Inversion Cured-in-Place Liner (new standard)

Project Need: Reviews the product now being used by municpalities and the need for quality installation.

This practice describes the procedures for the sectional repair of a pipe line or conduit (4" to 30" diameter) by the installation of an air inverted resin impregnated felt patch into the existing pipe. Curing of the resin-impregnated fiberglass patch shall be accomplished at ambient temperature or heat and shall result in a hard, impermeable, corrosion resistant pipe within a pipe.

BSR/ASTM WK6581-200x, Annex 6 to D2887:Calculation of D56/D93/D3828 equivalent data from D2887 (new standard)

Project Need: Flashpoint data can be calculated from a gas chomatographic analysis that is part of the fuel specification, resulting in considerable time and cost savings.

A correlation model is presented for the calculation of ASTM D56, D93 and D3828 eguivalent data from boiling range distribution analysis by gas chromatography according to D2887. The correlation is only valid for diesel and jet fuels, excluding biodiesels. The correlation model is validated by an Analysis of Variance procedure according to ASTM D6708.

BSR/ASTM WK6582-200x, Annex 6 to D2887: Calculation of D56/D93/D3828 equivalent data from D2887 (new standard)

Project Need: Flashpoint data can be calculated from a gas chomatographic analysis that is part of the fuel specification, resulting in considerable time and cost savings.

A correlation model is presented for the calculation of ASTM D56, D93 and D3828 equivalent data from boiling range distribution analysis by gas chromatography according to D2887. The correlation is only valid for diesel and jet fuels, excluding biodiesels. The correlation model is validated by an Analysis of Variance procedure according to ASTM D6708.

BSR/ASTM WK6621-200x, Standard Test Method for Acid Number in Petroleum and Synthetic Lubricants by Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Stakeholders: Lubricant condition monitoring in analysis and industrial laboratories as part of their quality control program.

Project Need: The proposed standard using FTIR spectroscopy allows the user to run a series of samples simultaneously, significantly increasing the speed of analysis.

Covers procedures for the determination of acidic constituents in petroleum- and synthetic-based lubricants. It is applicable for the determination of acids whose dissociation constants in water are larger than 10-8, extremely weak acids whose dissociation constants are smaller than 10-8 do not interfere. Salts react if their hydrolysis constants are larger than 10-8. The range of acid numbers that this standard covers is from 0.1 mg KOH/g oil to 5 mg KOH/g oil.

BSR/ASTM WK6622-200x, Standard Test Method for Base Number in Petroleum and Synthetic Lubricants by Fourier Transform Infrared (FT-IR) Spectrometry (new standard)

Project Need: Covers procedures for the determination of basic constituents in petroleum- and synthetic-based lubricants.

Covers procedures for the determination of basic constituents in petroleum- and synthetic-based lubricants. It is applicable for the determination of bases whose dissociation constants in water are larger than 10-12, extremely weak bases whose dissociation constants are smaller than 10-12 do not interfere. Salts react if their hydrolysis constants are larger than 10-12. The range of base numbers that this standard covers is from 0.2 mg KOH/g oil to 20 mg KOH/g oil.

ATIS (Alliance for Telecommunications Industry Solutions)

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Washington, DC 20005

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BSR/ATIS 1000006-200x, Signalling System No. 7 (SS7) - Emergency Telecommunications Service (ETS) (new standard)

Stakeholders: Telecom Industry, and Government.

Project Need: This document expands on the High Probability of Completion (HPC) Network Capability as described in T1.631 to address additional signaling capabilities and bearer networks, in addition to interworking with a new service being based on the ITU-T Recommendation E.106, International Emergency Preference Scheme for Disaster Relief Operations (IEPS).

To ensure that a survivable and enduring National Security/Emergency Preparedness (NS/EP) telecommunications capability is available during emergencies, the U.S. government has endorsed the development and adoption of standards to support increased call completion capabilities for critical users. The Emergency Telecommunications Service (ETS) would be applied during the call setup by providing an identifier for those calls in the SS7 network protocol.

IAPMO (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Russ Chaney*

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E-mail: gpchaney@iapmo.org

BSR/IAPMO USEC 1-200x, Uniform Solar Energy Code (new standard)

Stakeholders: Enforcers, Manufacturers, Users, Installers/Maintainers, Research/Standards/Test Laboratories, Consumers.

Project Need: There is currently no American National Standard which comprehensively addresses the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, or use of a solar energy system.

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, or use of any solar system.

BSR/IAPMO USPC 1-200x, Uniform Swimming Pool, Spa and Hot Tub Code (new standard)

Stakeholders: Enforcers, Manufacturers, Users, Installers/Maintainers, Research/Standards/Test Laboratories, Consumers.

Project Need: There is currently no American National Standard which comprehensively addresses the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, or use of any swimming pool, spa or hot tub plumbing system.

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, or use of any swimming pool, spa or hot tub system.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Contact: *Randolph Roy*

Fax: (703) 841-3377

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

BSR/IEC C78.901-200x, Electric Lamps-Single Base Fluorescent Lamps - Dimensional and Electrical Characteristics (revision and redesignation of ANSI C78.901-2001)

Stakeholders: Manufacturer.

Project Need: This project is needed as a revision to ANSI C78.901-2001.

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

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Mitchell Gold*

Fax: (847) 313-2850

E-mail: Mitchell.Gold@us.ul.com

BSR/UL 1741-200x, Standard for Safety for Inverters, Converters, and Controllers for Use with Independent Power Sources (new standard)

Stakeholders: Power Converter/Inverter Industry.

Project Need: Development of a new UL Standard.

Covers:
- Permanently connected inverters, converters, charge controllers, and output controllers intended for use in stand-alone or utility-interactive power systems;
- Power system equipment that integrates independent power sources with inverters, converters, charge controllers, and output controllers in system-specific combinations;
- Multi-mode products. AC modules that are flat-plate photovoltaic modules with integrated utility-interactive or stand-alone inverters to provide ac output power; and
- Energy storage units intended for connection to inverters, converters, and controllers for use in independent power 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.

- 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

ISO Drafts can be made available via ANSI's ESS "on-demand" via an e-mail request. Send your request for an ISO Draft 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 draft document you are requesting appears.

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 6967, Aircraft ground equipment - Main deck loader - Functional requirements - 3/17/2005, $43.00

ISO/DIS 20652, Space data and information transfer systems - Producer-archive interface - Methodology abstract standard - 3/17/2005, $137.00

DENTISTRY (TC 106)

ISO/DIS 7493, Dentistry - Operators stool - 3/11/2005, $43.00

ISO/DIS 9333, Dentistry - Brazing materials - 3/11/2005, $43.00

ISO/DIS 21671, Dentistry - Polishers - 3/3/2005, $83.00

GEARS (TC 60)

ISO/DIS 6336-1, Calculation of load capacity of spur and helical gears - Part 1: Basic principles, introduction and general influence factors - 3/10/2005, $147.00

ISO/DIS 6336-2, Calculation of load capacity of spur and helical gears - Part 2: Calculation of surface durability (pitting) - 3/10/2005, $88.00

ISO/DIS 6336-3, Calculation of load capacity of spur and helical gears - Part 3: Calculation of tooth bending strength - 3/10/2005, $102.00

ISO/DIS 6336-6, Calculation of load capacity of spur and helical gears - Part 6: Calculation of service life under variable load - 3/10/2005, $78.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19137, Geographic information - Generally used profiles of the spatial schema and of similar important other schemas - 3/17/2005, $58.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 17115, Health informatics - Vocabulary for terminological systems - 3/8/2005, $53.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 13584-501, Industrial automation systems and integration - Parts library - Part 501: Reference dictionary for measuring instruments - Registration procedure - 3/10/2005, $113.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 15136-2, Petroleum and natural gas industries - Progressing cavity pump systems for artificial lift - Part 2: Surface drive systems - 3/10/2005, $113.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 14556/DAmd1, Steel - Charpy V-notch pendulum impact test - Instrumented test method - Amendment 1 - 3/10/2005, $43.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 11093-9, Paper and board - Testing of cores - Part 9: Determination of flat crush resistance - 3/11/2005, $32.00

ISO/DIS 13542, Paper and board - Specification for internal diameters of cores for reels - 3/11/2005, $28.00

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

ISO/DIS 4437, Buried polyethylene (PE) pipes for the supply of gaseous fuels - Metric series - Specifications - 3/17/2005, $78.00

ISO/DIS 17484-1, Plastics piping systems - Multi-layered pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar - Part 1: Specifications for systems - 3/17/2005, $97.00

ROLLING BEARINGS (TC 4)

ISO/DIS 3245, Rolling bearings - Needle roller bearings, drawn cup without inner rings - Boundary dimensions and tolerances - 3/17/2005, $43.00

TEXTILES (TC 38)

ISO/DIS 105-B07, Textiles - Tests for colour fastness - Part B07: Colour fastness to light of textiles wetted with perspiration - 3/10/2005, $32.00

WATER QUALITY (TC 147)

ISO/DIS 19458, Water quality - Sampling for microbiological analysis - 3/10/2005, $63.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 23277, Non-destructive examination of welds - Penetrant testing of welds - Acceptance levels - 3/10/2005, $38.00

ISO/DIS 23278, Non-destructive examination of welds - Magnetic particle testing of welds - Acceptance levels - 3/10/2005, $32.00

ISO/DIS 23279, Non-destructive examination of welds - Ultrasonic examination - Characterization of indications in welds - 3/10/2005, $58.00

ISO 23277/DAmd1, Non-destructive examination of welds - Penetrant testing of welds - Acceptance levels - Amendment 1 - 3/10/2005, $32.00

ISO 23277/DAmd2, Non-destructive examination of welds - Penetrant testing of welds - Acceptance levels - Amendment 2 - 3/10/2005, $28.00

ISO 23278/DAmd1, Non-destructive examination of welds - Magnetic particle testing of welds - Acceptance levels - Amendment 1 - 3/10/2005, $32.00

ISO 23278/DAmd2, Non-destructive examination of welds - Magnetic particle testing of welds - Acceptance levels - Amendment 2 - 3/10/2005, $28.00

ISO 23279/DAmd1, Non-destructive examination of welds - Ultrasonic examination - Characterization of indications in welds - Amendment 1 - 3/10/2005, $32.00

ISO 23279/DAmd2, Non-destructive examination of welds - Ultrasonic examination - Characterization of indications in welds - Amendment 2 - 3/10/2005, $38.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 8802-11/DAmd6, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 6: Medium Access Control (MAC) Security Enhancements - 3/9/2005, $175.00

ISO/IEC 8802-11/DAmd4, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 4: Further Higher Data Rate Extension in the 2.4 GHz Band - 3/10/2005, $125.00

ISO/IEC 8802-11/DAmd5, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 5: Spectrum and Transmit Power Management Extensions in the 5 GHz band in Europe - 3/10/2005, $119.00

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.

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 13448-2:2004, Acceptance sampling procedures based on the allocation of priorities principle (APP) - Part 2: Coordinated single sampling plans for acceptance sampling by attributes, $113.00

CUTLERY AND TABLE AND DECORATIVE METAL HOLLOW-WARE (TC 186)

ISO 8442-5:2004, Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 5: Specification for sharpness and edge retention test of cutlery, $53.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 1101:2004, Geometrical Product Specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out, $119.00

EARTH-MOVING MACHINERY (TC 127)

ISO 12509:2004, Earth-moving machinery - Lighting, signalling and marking lights, and reflex-reflector devices, $125.00

FOOTWEAR (TC 216)

ISO 20863:2004, Footwear - Test methods for stiffeners and toepuffs - Bondability, $38.00

ISO 20864:2004, Footwear - Test methods for stiffeners and toepuffs - Mechanical characteristics, $63.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 14649-10:2004, Industrial automation systems and integration - Physical device control - Data model for computerized numerical controllers - Part 10: General process data, $147.00

ISO 14649-11:2004, Industrial automation systems and integration - Physical device control - Data model for computerized numerical controllers - Part 11: Process data for milling, $92.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO 17078-1:2004, Petroleum and natural gas industries - Drilling and production equipment - Part 1: Side-pocket mandrels, $102.00

NUCLEAR ENERGY (TC 85)

ISO 3999:2004, Radiation protection - Apparatus for industrial gamma radiography - Specifications for performance, design and tests, $92.00

ISO 17874-2:2004, Remote-handling devices for radioactive materials - Part 2: Mechanical master-slave manipulators, $113.00

PLASTICS (TC 61)

ISO 15985:2004, Plastics - Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic-digestion conditions - Method by analysis of released biogas, $49.00

STEEL (TC 17)

ISO 20723:2004, Structural steels - Surface condition of hot-rolled sections - Delivery requirements, $49.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 12615:2004, Bibliographic references and source identifiers for terminology work, $83.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 22867:2004, Forestry machinery - Vibration test code for portable hand-held machines with internal combustion engine - Vibration at the handles, $67.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 15012-1:2004, Health and safety in welding and allied processes - Requirements testing and marking of equipment for air filtration - Part 1: Testing of the separation efficiency for welding fume, $78.00

ISO/IEC Guides

OTHER

ISO/IEC Guide 74:2004, Graphical symbols - Technical guidelines for the consideration of consumers needs, $49.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9798-5:2004, Information technology - Security techniques - Entity authentication - Part 5: Mechanisms using zero-knowledge techniques, $113.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Eugene Water & Electric Board

Organization: Eugene Water and Electric Board
500 East 4th Avenue
PO Box 10148
Eugene, OR 97440
Contact: Mark Ellister
PHONE: 541-984-4726
FAX: 541-484-3762
E-mail: mark.ellister@eweb.eugene.or.us

Public review: November 3, 2004 to February 1, 2005

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

New Pilot Program Announced by ANSI Accreditation Services Department

ANSI is pleased to announce a pilot accreditation program we are starting in association with the SQFI (Safe Quality Food Institute) certification program of FMI (Food Marketing Institute) utilizing the following standards:

The SQF 1000 Code is designed specifically for primary producers. A producer develops and maintains Food Safety and Food Quality Plans to control those aspects of their operations that are critical to maintaining food safety and quality.

The SQF 2000 Code has wide appeal across the food manufacturing and distribution sectors. A supplier develops and maintains Food Safety and Food Quality Plans to control those aspects of their operations that are critical to maintaining food safety and quality.

The SQF Institute is a Division established by the FMI to manage the SQF Program.

ANSI will be accepting applications for the pilot program starting on Monday, January 3, 2005 through Thursday, February 3, 2005

For more information on SQF Institute, visit their website: www.sqfi.com.

To obtain an application, please send an e-mail to Leslie Fasulo at lfasulo@ansi.org

Before you submit an application, please ensure your organization can document the following:

1. **Confirmation of the third party status of the program.** A third party is independent of the parties involved in certification, i.e., the supplier ("first party") interests and the purchaser ("second party") interests. Describe how the program sponsoring body qualifies as a third party, and describe the interests represented on the body's governing board. If the certification program operates under the direction of a managing committee, the interests represented on the committee should be identified along with a description of the committee's independence from the governing board if applicable.
2. **Proof of ownership of a certification mark and or certificate of conformity.** Providing a copy of the U.S. Patent Office certificate of registration is one example of proof of ownership.
3. **Proof of the publicly available documents describing the program.** Provide copies of descriptive brochures, application forms, advertisements, etc.
4. **Provide a brief description of the program, including a list of the standard(s) utilized and the identity of the inspection and laboratory bodies (body) if different from the certification body.** If outside inspection bodies (body) or testing laboratories (laboratory) are used, identify them and describe the nature of their work in the certification program.
5. **Show the value of the program to the public and the user(s) of the product(s), process(es) or service(s).** Describe how the program serves the public interest and the reasons why the user(s) place value on the program.

All five points cited above should be addressed for the application to be considered.

Please send completed applications to Reinaldo Figueiredo, Director, Product Certification Accreditation, ANSI 1819 L Street, NW, 6th Floor, Washington, DC 20036 or submit via e-mail to rfigueir@ansi.org.

U.S. Technical Advisory Groups

Approval of Acreditation

ISO/TC 30/SC 7 - Measurement of Fluid Flow in Closed Conduits, Including Water Meters - Volume Methods; ISO/TC 39/SC 10 - Safety of Machine Tools; ISO/TC 225 - Market, Opinion and Social Research

The Executive Standards Council has approved the accreditations of the following U.S. Technical Advisory Groups to ISO, effective December 8, 2004:

- **ISO/TC 30/SC 7:** Measurement of fluid flow in closed conduits, including water meters - Volume methods (Administrator: American Water Works Association)
- **ISO/TC 39/SC 10:** Safety of machine tools (Administrator: Association for Manufacturing Technology)
- **ISO/TC 225:** Market, opinion and social research (Administrator: Council of American Survey Research Organizations)

These TAGs have chosen to adopt as their operating procedures the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities, as contained in Annex A of the ANSI Procedures for U.S. Participation in the International Standards Activities of ISO (a.k.a. ANSI International Procedures). For additional information, please contact the relevant Administrator from the following:

- **ISO/TC 30/SC 7**: Paul J. Olson, P.E., American Water Works Association, 6666 W. Quincy Avenue, Denver, CO 80235; PHONE: (303) 347-6178; E-mail: polson@awwa.org;
- **ISO/TC 39/SC 10:** David Felinski; Association for Manufacturing Technology, 7901 Westpark Drive, McLean, VA 22102; PHONE: (703) 827-5211; E-mail: dfelinski@amtonline.org;
- **ISO/TC 225:** Diane Bowers, CASRO, 170 N. Country Road, Port Jefferson, NY 11777; PHONE: (631) 928-6954; E-mail: dbowers@casro.org.

Approval of Reaccreditation

ISO/TC 76 - Transfusion, Infusion and Injection Equipment for Medical and Pharmaceutical Use; ISO/TC 215 - Health Informatics

The Executive Standards Council has approved the reaccreditation of the following U.S. Technical Advisory Groups to ISO under revised operating procedures, effective December 8, 2004:

- **ISO/TC 76,** Transfusion, infusion and injection equipment for medical and pharmaceutical use (Administrator: National Committee for Clinical Laboratory Standards)
- **ISO/TC 215,** Health informatics (Administrator: Healthcare Information and Management Systems Society)

For additional information, please contact:

- **ISO/TC 76:** David Sterry, M.T., NCCLS, 940 W. Valley Road, Suite 1400, Wayne, PA 19087; PHONE: (610) 688-0100, ext. 123; E-mail: dsterry@nccls.org;
- **ISO/TC 215**: Audrey Dickerson, HIMSS, 230 East Ohio Street, Suite 500, Chicago, IL 60611-3269; PHONE: (312) 915-9233; E-mail: adickerson@himss.org.

Meeting Notices

ASC A10 - Construction and Demolitions

The ANSI Accredited A10 Standards Committee (ASC) for Construction and Demolitions will be meeting on January 11, 2005 at the U.S. Department of Labor in Washington, D.C. For more information, please contact: Timothy R. Fisher, CSP, ARM, CPEA, Director, Practices and Standards, American Society of Safety Engineers, 1800 E. Oakton Street, Des Plaines, IL 60018; PHONE: (847) 768-3411; FAX: (847) 296-9221; E-mail: TFisher@ASSE.Org.

ASC Z80 - Ophthalmics

Accredited Standards Committee Z80 on Ophthalmics will be holding a meeting on March 14 - 15, 2005 at the Ft. Lauderdale Marina Marriott. For hotel reservations, please call (800) 433-2254. For further information about the meeting, please call Kris Dinkle of the OLA at (703) 359-2830 or e-mail her at kdinkle@ola-labs.org.

STANDARDS ACTION WEEKLY PUBLISHING SCHEDULE FOR 2005

Vol 36	Developer Submits Data to PSA Between these Dates		Standards Action Published and Public Review Period			
Issue	ASD submit start (Tuesday)	ASD submit end (Monday)	SA Publish (Friday)	60-day PR ends	45-day PR ends	30-day PR ends
1	12/21/2004	12/27/2004	1/7/2005	3/8/2005	2/21/2005	2/6/2005
2	12/28/2004	1/3/2005	1/14/2005	3/15/2005	2/28/2005	2/13/2005
3	1/4/2005	1/10/2005	1/21/2005	3/22/2005	3/7/2005	2/20/2005
4	1/11/2005	1/17/2005	1/28/2005	3/29/2005	3/14/2005	2/27/2005
5	1/18/2005	1/24/2005	2/4/2005	4/5/2005	3/21/2005	3/6/2005
6	1/25/2005	1/31/2005	2/11/2005	4/12/2005	3/28/2005	3/13/2005
7	2/1/2005	2/7/2005	2/18/2005	4/19/2005	4/4/2005	3/20/2005
8	2/8/2005	2/14/2005	2/25/2005	4/26/2005	4/11/2005	3/27/2005
9	2/15/2005	2/21/2005	3/4/2005	5/3/2005	4/18/2005	4/3/2005
10	2/22/2005	2/28/2005	3/11/2005	5/10/2005	4/25/2005	4/10/2005
11	3/1/2005	3/7/2005	3/18/2005	5/17/2005	5/2/2005	4/17/2005
12	3/8/2005	3/14/2005	3/25/2005	5/24/2005	5/9/2005	4/24/2005
13	3/15/2005	3/21/2005	4/1/2005	5/31/2005	5/16/2005	5/1/2005
14	3/22/2005	3/28/2005	4/8/2005	6/7/2005	5/23/2005	5/8/2005
15	3/29/2005	4/4/2005	4/15/2005	6/14/2005	5/30/2005	5/15/2005
16	4/5/2005	4/11/2005	4/22/2005	6/21/2005	6/6/2005	5/22/2005
17	4/12/2005	4/18/2005	4/29/2005	6/28/2005	6/13/2005	5/29/2005
18	4/19/2005	4/25/2005	5/6/2005	7/5/2005	6/20/2005	6/5/2005
19	4/26/2005	5/2/2005	5/13/2005	7/12/2005	6/27/2005	6/12/2005
20	5/3/2005	5/9/2005	5/20/2005	7/19/2005	7/4/2005	6/19/2005
21	5/10/2005	5/16/2005	5/27/2005	7/26/2005	7/11/2005	6/26/2005
22	5/17/2005	5/23/2005	6/3/2005	8/2/2005	7/18/2005	7/3/2005
23	5/24/2005	5/30/2005	6/10/2005	8/9/2005	7/25/2005	7/10/2005
24	5/31/2005	6/6/2005	6/17/2005	8/16/2005	8/1/2005	7/17/2005
25	6/7/2005	6/13/2005	6/24/2005	8/23/2005	8/8/2005	7/24/2005
26	6/14/2005	6/20/2005	7/1/2005	8/30/2005	8/15/2005	7/31/2005
27	6/21/2005	6/27/2005	7/8/2005	9/6/2005	8/22/2005	8/7/2005
28	6/28/2005	7/4/2005	7/15/2005	9/13/2005	8/29/2005	8/14/2005
29	7/5/2005	7/11/2005	7/22/2005	9/20/2005	9/5/2005	8/21/2005
30	7/12/2005	7/18/2005	7/29/2005	9/27/2005	9/12/2005	8/28/2005

Vol 36	Developer submits data to PSA between these dates		Standards Action Publish and Public Review			
Issue	ASD submit start (Tuesday)	ASD submit end (Monday)	SA Publish (Friday)	60-day PR ends	45-day PR ends	30-day PR ends
31	7/19/2005	7/25/2005	8/5/2005	10/4/2005	9/19/2005	9/4/2005
32	7/26/2005	8/1/2005	8/12/2005	10/11/2005	9/26/2005	9/11/2005
33	8/2/2005	8/8/2005	8/19/2005	10/18/2005	10/3/2005	9/18/2005
34	8/9/2005	8/15/2005	8/26/2005	10/25/2005	10/10/2005	9/25/2005
35	8/16/2005	8/22/2005	9/2/2005	11/1/2005	10/17/2005	10/2/2005
36	8/23/2005	8/29/2005	9/9/2005	11/8/2005	10/24/2005	10/9/2005
37	8/30/2005	9/5/2005	9/16/2005	11/15/2005	10/31/2005	10/16/2005
38	9/6/2005	9/12/2005	9/23/2005	11/22/2005	11/7/2005	10/23/2005
39	9/13/2005	9/19/2005	9/30/2005	11/29/2005	11/14/2005	10/30/2005
40	9/20/2005	9/26/2005	10/7/2005	12/6/2005	11/21/2005	11/6/2005
41	9/27/2005	10/3/2005	10/14/2005	12/13/2005	11/28/2005	11/13/2005
42	10/4/2005	10/10/2005	10/21/2005	12/20/2005	12/5/2005	11/20/2005
43	10/11/2005	10/17/2005	10/28/2005	12/27/2005	12/12/2005	11/27/2005
44	10/18/2005	10/24/2005	11/4/2005	1/3/2006	12/19/2005	12/4/2005
45	10/25/2005	10/31/2005	11/11/2005	1/10/2006	12/26/2005	12/11/2005
46	11/1/2005	11/7/2005	11/18/2005	1/17/2006	1/2/2006	12/18/2005
47	11/8/2005	11/14/2005	11/25/2005	1/24/2006	1/9/2006	12/25/2005
48	11/15/2005	11/21/2005	12/2/2005	1/31/2006	1/16/2006	1/1/2006
49	11/22/2005	11/28/2005	12/9/2005	2/7/2006	1/23/2006	1/8/2006
50	11/29/2005	12/5/2005	12/16/2005	2/14/2006	1/30/2006	1/15/2006
51	12/6/2005	12/12/2005	12/23/2005	2/21/2006	2/6/2006	1/22/2006
52	12/13/2005	12/19/2005	12/30/2005	2/28/2006	2/13/2006	1/29/2006
1	12/20/2005	12/26/2005	1/6/2006	3/7/2006	2/20/2006	2/5/2006

Direct inquiries to the Procedures and Standards Administration Department,
Mary Weldon at: 212-642-4908 E-mail: mweldon@ansi.org

PROPOSED REVISIONS TO ANSI/UL 1277

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

6A Compact-Stranded, Sector Conductors

6A.1 (NEW) Compact-stranded, sector conductors shall be shaped as a 120° segment of a circle.

6A.2 (NEW) Compact-stranded, sector conductors shall comply with all of the requirements specified for All Conductors, Section 6, with the following exceptions:

a) Sector conductors shall be limited to sizes 1/0 AWG - 750 kcmil.

b) The conductor size shall be determined by the resistance method **only** per UL 1581, Section 220.

c) For purposes of calculating lay length, the effective diameter of the conductor shall be determined by adding the lengths of the conductor's major and minor axes and dividing by 2. The major axis is defined as the distance from top of the arc to bottom tip, and the minor axis is defined as the distance from left tip to right tip.

d) Sector conductors are limited to copper only.

8.5 Insulated sector conductors

8.5.1 (NEW) The insulation on sector conductors shall comply with the same requirements as those for round conductors. However, due to the geometry, the average insulation thickness shall be determined using the optical micrometer method **only** per UL 1581, 240.7. The minimum point shall be determined using either the optical or pin gauge methods per UL 1581, 240.10 - 240.14.

34 Compact-Stranded Copper Conductors

34.1 ~~If~~ When a round compact-stranded copper conductor is used, the AWG or kcmil size of the ~~conductor(s)~~ conductor~~,~~ - wherever the size appears (on the tag, reel, ~~or~~ carton, or on ~~the surface~~ or in the cable)~~,~~ - shall be followed by "COMPACT COPPER" ~~or,~~ "COMPACT CU", "CMPCT COPPER", or "CMPCT CU". ~~The word COMPACT may be abbreviated "CMPCT"~~. Tags, reels, and cartons for compact-stranded copper ~~wire~~ conductors shall have the following marking: "Terminate with connectors identified for use with compact-stranded copper conductors".

34.2 (NEW) When a compact-stranded, sector conductor is used, the same markings are required as for round compact-stranded copper conductors in 34.1, except that the word "SECTOR" shall be added immediately before "COPPER" or "CU" in each case.

PROPOSED CHANGES TO ANSI/UL 1569

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

6.2 Compact-Stranded, Sector Conductors

6.2.1 (NEW) Compact-stranded, sector conductors shall be shaped as a 120° segment of a circle.

6.2.2 (NEW) Compact-stranded, sector conductors shall comply with all of the requirements specified in Section 6.1, with the following exceptions:

a) Sector conductors shall be limited to sizes 1/0 AWG - 750 kcmil.
b) The conductor size shall be determined by the resistance method only per UL 1581, Section 220.
c) For purposes of calculating lay length, the effective diameter of the conductor shall be determined by adding the lengths of the conductor's major and minor axes and dividing by 2. The major axis is defined as the distance from top of the arc to bottom tip, and the minor axis is defined as the distance from left tip to right tip.
d) Sector conductors are limited to copper only.

7.4 Insulated sector conductors

7.4.1 (NEW) The insulation on sector conductors shall comply with the same requirements as those for round conductors. However, due to the geometry, the average insulation thickness shall be determined using the optical micrometer method only per UL 1581, 240.7. The minimum point shall be determined using either the optical or pin gauge methods per UL 1581, 240.10 - 240.14.

44 Compact-Stranded Copper Conductors

44.1 ~~If~~ When a round compact-stranded copper conductor is used, the AWG or kcmil size of the conductor - wherever the size appears (on the tag, reel, ~~or~~ carton, or on ~~the surface~~ or in the cable) - shall be followed by COMPACT COPPER, ~~or~~ COMPACT CU, CMPCT COPPER or CMPCT CU. ~~The word COMPACT may be abbreviated CMPCT.~~ Tags, reels, and cartons for compact-stranded copper ~~wire~~ conductors shall have the following marking: "Terminate with connectors identified for use with compact-stranded copper conductors".

44.2 (NEW) When a compact-stranded, sector conductor is used, the same markings are required as for round compact-stranded copper conductors in 44.1, except that the word "SECTOR" shall be added immediately before "COPPER" or "CU" in each case.