ANSI STANDARDS ACTION

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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: September 5, 2004

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI ID26-200x, Medical Electrical Equipment - Part 2: Particular Requirements for the Safety of Infusion Pumps and Controllers (revision and partition of ANSI/AAMI ID26-1998)

Establishes minimum labeling, safety, performance, and testing requirements for electromechanical infusion devices that have a pumping or gravity-feed controlling function, that deliver fluid from either a separate or a self-contained source, and that are intended for use with parenteral fluids for such purposes as parenteral nutrition and administration of drugs and routine fluids. Public review of this revised document was originally announced in the May 21, 2004 edition of ANSI Standards Action, and closed on July 20, 2004. Comments received by a member of the document's authoring committee prompted the two additional revisions encompassed in the current review.

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

Send comments (with copy to BSR) to: Sonia Mongini, AAMI; smongini@aami.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1769-200x, Cylinder Valves (Bulletin dated 7/21/04) (new standard)

The requirements cover shut-off valves for use on cylinders that comply with the specifications and charging and maintenance regulations of the U.S. Department of Transportation (DOT) or the corresponding specifications and regulations of Transport Canada (TC). Valves covered by these requirements are for use on DOT or TC cylinders used in applications such as, but not limited to, automotive, medical, or industrial systems or facilities.

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

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

BSR/UL 2227-200x, Overfilling Prevention Devices (Bulletin dated 7/21/04) (new standard)

The requirements cover devices for use on stationary containers or portable LP Gas containers that consist of a shutoff mechanism that works in conjunction with a liquid level sensing device that shuts off the incoming flow of LP-Gas during a refilling operation when the liquid level reaches a predetermined point. The sensing mechanism may be a float, dip tube, or other type of sensor that is intended to cause operation of the shutoff mechanism.

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

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

Revisions

BSR/UL 796-200x, Standard for Safety for Printed-Wiring Boards (Bulletin dated July 26, 2004) (revision of ANSI/UL 796-2003)

The intent of the July 26, 2004 Bulletin is to resolve comments recieved by UL in response to UL's Subject 796 (746E) Bulletin dated May 21, 2004. The July 26, 2004 Bulletin proposes a revision of the definition for the term "Performance Level Category" and an explanation of how values for the 10-day and 56-day oven conditioning tests are calculated.

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

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

BSR/UL 2079-200x, Standard for Safety for Tests for Fire Resistance of Building Joint Systems (Bulletin dated 07-23-04) (revision of ANSI/UL 2079-1998)

Specification of furnace lining density, as a result of comments received as well as miscellaneous editorial proposed revision.

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

Send comments (with copy to BSR) to: Charles McCall, UL-IL; Charles.H.McCall@us.ul.com

Comment Deadline: September 20, 2004

AISC (American Institute of Steel Construction)

New Standards

BSR/AISC 360-200x, Specification for Structural Steel Buildings (new standard)

Governs the design, fabrication and erection of structural steel-framed buildings and other structures. Structural steel includes:
- hot-rolled W-, S-, and HP-shapes, channels and angles listed in ASTM A6/A6M;
- structural tees split from the hot-rolled W-, S- and M-shapes listed in ASTM A6/A6M; and
- hollow structural sections produced to ASTM A500, A501, A618 or A847, and steel pipe produced to ASTM A53/A53M.

This specification is intended for the common building design in routine office practice.
Single copy price: $12.00

Order from: Janet Cummins, AISC; cummins@aisc.org
Send comments (with copy to BSR) to: Cynthia Duncan, AISC; duncan@aisc.org

ASA (ASC S12) (Acoustical Society of America)

Reaffirmations

BSR S12.54-1999/ISO 3744-1994 (R200x), Acoustics - Determination of Sound Power Levels of Noise Sources using Sound Pressure - Engineering Method in an Essentially Free Field over a Reflecting Plane (reaffirmation of ANSI S12.54-1999/ISO 3744-1994)

Specifies a method for measuring the sound pressure levels on a measurement surface enveloping a noise source, under essentially free-field conditions near one or more reflecting planes, in order to calculate the sound power level produced by the noise source. Gives requirements for the test environment and instrumentation, as well as techniques for obtaining the surface sound pressure level from which the sound power level of the source is calculated, leading to results which have a grade 2 accuracy.
Single copy price: $97.00

Order from: Susan Blaeser, ASA (ASC S12); sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S12.56-1999/ISO 3746-1995 (R200x), Acoustics - Determination of Sound Power Levels of Noise Sources using Sound Pressure - Survey Method using an Enveloping Measurement Surface over a Reflecting Plane (reaffirmation of ANSI S12.56-1999/ISO 3746-1995)

Specifies a method for measuring the sound pressure levels on a measurement surface enveloping the source in order to calculate the sound power level produced by the noise source. It gives requirements for the test environment and instrumentation as well as techniques for obtaining the surface sound pressure level from which the sound power level of the source is calculated, leading to results which have a grade 3 accuracy.
Single copy price: $93.00

Order from: Susan Blaeser, ASA (ASC S12); sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S12.53/1-1999/ISO 3743-1-1994 (R200x), Acoustics - Determination of Sound Power Levels of Noise Sources - Engineering Methods for Small, Movable Sources in Reverberant Fields - Part 1: Comparison Method for Hard-Walled Test Rooms (reaffirmation of ANSI S12.53/1-1999/ISO 3743-1-1994)

Specifies an engineering method for determining the sound power levels of small, movable noise sources. The measurements are carried out when the source is installed in a hard-walled test room. A comparison method is used to determine the octave-band sound power levels of the source.

Single copy price: $54.00

Order from: Susan Blaeser, ASA (ASC S12); sblaeser@aip.org
Send comments (with copy to BSR) to: Same

BSR S12.53/2-1999/ISO 3743-2-1994 (R200x), Acoustics - Determination of Sound Power Levels of Noise Sources - Engineering Methods for Small, Movable Sources in Reverberant Fields - Part 2: Methods for Special Reverberation Test Rooms (reaffirmation of ANSI S12.53/2-1999/ISO 3743-2-1994)

Specifies a relatively simple engineering method for determining the sound power levels of small, movable noise sources. The measurements are carried out when the source is installed in a specially designed room having a specified reverberation time over the frequency range of interest. The A-weighted sound power level of the source under test is determined from a single A-weighted sound pressure level measurement at each microphone position, rather than a summation of octave-band levels.
Single copy price: $77.00

Order from: Susan Blaeser, ASA (ASC S12); sblaeser@aip.org
Send comments (with copy to BSR) to: Same

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:
http://www.astm.org/dsearch.htm
For reaffirmations and withdrawals, order from: Customer Service, ANSI
For new standards and revisions, order from: Faith Lanzetta, ASTM
For all ASTM standards, send comments (with copy to BSR) to:
Faith Lanzetta, ASTM

New Standards

BSR/ASTM F1901-200x, Specification for Polyethylene (PE) Pipe and Fittings for Roof Drain Systems (new standard)

Single copy price: $32.00

BSR/ASTM F2390-200x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe Fittingshaving Post-industrial Recycle Content Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers (new standard)

Single copy price: $38.00

BSR/ASTM F2416-200x, Specification for Protective Headgear Used in Electric Personal Assistive Mobility Devices (new standard)

Single copy price: $27.00

Revisions

BSR/ASTM D1000-200x, Test Method for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications (revision of ANSI/ASTM D1000-1999)

Single copy price: $38.00

BSR/ASTM D1785-200x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2004)

Single copy price: $38.00

BSR/ASTM D2104-200x, Specification for Polyethylene (PE) Plastic Pipe, Schedule 40 (revision of ANSI/ASTM D2104-2003)

Single copy price: $32.00

BSR/ASTM D2239-200x, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2003)

Single copy price: $32.00

BSR/ASTM D2241-200x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-rated Pipe SDR Series (revision of ANSI/ASTM D2241-2004)

Single copy price: $32.00

BSR/ASTM D2290-200x, Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe by Split Disk Method (revision of ANSI/ASTM D2290-2000)

Single copy price: $32.00

BSR/ASTM D2513-200x, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2003a)

Single copy price: $43.00

BSR/ASTM D2683-200x, Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing (revision of ANSI/ASTM D2683-1996)

Single copy price: $32.00

BSR/ASTM D3312-200x, Test Method for Percent Reactive Monomer in Solventless Varnishes (revision of ANSI/ASTM D3312-2000)

Single copy price: $27.00

BSR/ASTM D3377-200x, Test Method for Weight Loss of Solventless Varnishes (revision of ANSI/ASTM D3377-2000)

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BSR/ASTM D3386-200x, Test Method for Coefficient of Linear Thermal Expansion of Electrical Insulating Materials (revision of ANSI/ASTM D3386-2000)

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BSR/ASTM D3874-200x, Test Method for Ignition of Materials by Hot Wire Sources (revision of ANSI/ASTM D3874-2003)

Single copy price: $27.00

BSR/ASTM D4496-200x, Test Method for D-C Resistance or Conductance of Moderately Conductive Materials (revision of ANSI/ASTM D4496-1998)

Single copy price: $32.00

BSR/ASTM D4814-200x, Specification for Automotive Spark-Ignition Engine Fuel (revision of ANSI/ASTM D4814-2004)

Single copy price: $43.00

BSR/ASTM D5637-200x, Test Method for Moisture Resistance of Electrical Insulating Varnishes (revision of ANSI/ASTM D5637-2000)

Single copy price: $27.00

BSR/ASTM D6194-200x, Test Method for Glow-Wire Ignition of Materials (revision of ANSI/ASTM D6194-2003)

Single copy price: $27.00

BSR/ASTM E2030-200x, Guide for Recommended Uses of Photoluminescent Safety Markings (revision of ANSI/ASTM E2030-2001)

Single copy price: $32.00

BSR/ASTM E2072-200x, Specification for Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2072-2001)

Single copy price: $27.00

BSR/ASTM F512-200x, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (revision of ANSI/ASTM F512-1995 (R2001))

Single copy price: $32.00

BSR/ASTM F667-200x, Specification for Large Diameter Corrugated Polyethylene Pipe and Fittings (revision of ANSI/ASTM F667-1997)

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BSR/ASTM F891-200x, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core (revision of ANSI/ASTM F891-2000)
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BSR/ASTM F905-200x, Practice for Qualification of Polyethylene Saddle-Fused Joints (revision of ANSI/ASTM F905-2003)
Single copy price: $27.00

★ BSR/ASTM F1484-200x, Test Methods for Performance of Steam Cookers (revision of ANSI/ASTM F1484-2004)
Single copy price: $43.00

BSR/ASTM F1741-200x, Practice for Installation of Machine Spiral Wound Poly(Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits (revision of ANSI/ASTM F1741-2002a)
Single copy price: $32.00

BSR/ASTM F2143-200x, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2001)
Single copy price: $38.00

BSR/ASTM F2262-200x, Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled DR9 (revision of ANSI/ASTM F2262-2000)
Single copy price: $32.00

Reaffirmations

BSR/ASTM D295-1999 (R200x), Test Methods for Varnished Cotton Fabrics Used for Electrical Insulation (reaffirmation of ANSI/ASTM D295-1999)
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BSR/ASTM D349-1999 (R200x), Test Methods for Laminated Round Rods Used for Electrical Insulation (reaffirmation of ANSI/ASTM D349-1999)
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BSR/ASTM D374-1994 (R200x), Test Methods for Thickness of Solid Electrical Insulation (reaffirmation of ANSI/ASTM D374-1994)
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BSR/ASTM D495-1999 (R200x), Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (reaffirmation of ANSI/ASTM D495-1999)
Single copy price: $32.00

BSR/ASTM D619-1999 (R200x), Test Methods for Vulcanized Fibre Used for Electrical Insulation (reaffirmation of ANSI/ASTM D619-1999)
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BSR/ASTM D668-1999 (R200x), Test Methods of Measuring Dimensions of Rigid Rods and Tubes Used for Electrical Insulation (reaffirmation of ANSI/ASTM D668-1999)
Single copy price: $27.00

BSR/ASTM D1039-1999 (R200x), Test Methods for Glass-Bonded Mica Used as Electrical Insulation (reaffirmation of ANSI/ASTM D1039-1999)
Single copy price: $32.00

BSR/ASTM D1305-1998 (R200x), Specification for Electrical Insulating Paper and Paperboard Sulfate Kraft Layer Type (reaffirmation of ANSI/ASTM D1305-1998)
Single copy price: $27.00

BSR/ASTM D1931-1999 (R200x), Specification for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation (reaffirmation of ANSI/ASTM D1931-1999)
Single copy price: $27.00

BSR/ASTM D2122-1996 (R200x), Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings (reaffirmation of ANSI/ASTM D2122-1996)
Single copy price: $32.00

BSR/ASTM D2301-1999 (R200x), Specification for Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D2301-1999)
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BSR/ASTM D2400-1999 (R200x), Specification for Varnished Glass-Polyester Cloth Used for Electrical Insulation (reaffirmation of ANSI/ASTM D2400-1999)
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BSR/ASTM D2518-1999 (R200x), Specification for Woven Glass Fabrics for Electrical Insulation (reaffirmation of ANSI/ASTM D2518-1999)
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BSR/ASTM D2754-1999 (R200x), Specification for High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D2754-1999)
Single copy price: $27.00

BSR/ASTM D2861-1998 (R200x), Test Methods for Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics (reaffirmation of ANSI/ASTM D2861-1998)
Single copy price: $32.00

BSR/ASTM D3005-1999 (R200x), Specification for Low-Temperature Resistant Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D3005-1999)
Single copy price: $27.00

BSR/ASTM D3006-1999 (R200x), Specification for Polyethylene Plastic Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D3006-1999)
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BSR/ASTM D3949-1999 (R200x), Specification for Coated Glass Fabrics Used for Electrical Insulation (reaffirmation of ANSI/ASTM D3949-1999)
Single copy price: $27.00

BSR/ASTM D4063-1999 (R200x), Specification for Pressboard for Electrical Insulating Purposes (reaffirmation of ANSI/ASTM D4063-1999)
Single copy price: $27.00

BSR/ASTM D4243-1998 (R200x), Test Method for Measurement of Average Viscometric Degree of Polymerization of New and Aged Electrical Papers and Boards (reaffirmation of ANSI/ASTM D4243-1998)
Single copy price: $32.00

BSR/ASTM D4247-1999 (R200x), Specification for General-Purpose, Black Heavy-Duty, and Black Extra-Heavy-Duty Crosslinked Polychloroprene Jackets for Wire and Cable (reaffirmation of ANSI/ASTM D4247-1999)
Single copy price: $27.00

BSR/ASTM D4565-1999 (R200x), Test Methods for Physical and Environmental Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable (reaffirmation of ANSI/ASTM D4565-1999)
Single copy price: $37.00

BSR/ASTM D4568-1999 (R200x), Test Methods for Evaluating Compatibility Between Cable Filling and Flooding Compounds and Polyolefin Wire and Cable Materials (reaffirmation of ANSI/ASTM D4568-1999)
Single copy price: $32.00

BSR/ASTM D4872-1999 (R200x), Test Method for Dielectric Testing of Wire and Cable Filling Compounds (reaffirmation of ANSI/ASTM D4872-1999)
Single copy price: $27.00

BSR/ASTM D4967-1999 (R200x), Guide for Selecting Materials to be Used for Insulation, Jacketing and Strength Components in Fiber-Optic Cables (reaffirmation of ANSI/ASTM D4967-1999)

Single copy price: $27.00

BSR/ASTM D5109-1999 (R200x), Test Methods for Copper-Clad Thermosetting Laminates for Printed Wiring Boards (reaffirmation of ANSI/ASTM D5109-1999)

Single copy price: $32.00

BSR/ASTM D5642-1999 (R200x), Test Method for Sealed Tube Chemical Compatibility Test (reaffirmation of ANSI/ASTM D5642-1999)

Single copy price: $27.00

BSR/ASTM D6343-1999 (R200x), Test Methods for Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications (reaffirmation of ANSI/ASTM D6343-1999)

Single copy price: $27.00

BSR/ASTM F1759-1997 (R200x), Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications (reaffirmation of ANSI/ASTM F1759-1997)

Single copy price: $38.00

Withdrawals

BSR/ASTM F1674-200x, Specification for Joint Restraint Products for Use with PVC Pipe (withdrawal of ANSI/ASTM F1674-1996)

Single copy price: $27.00

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

BSR T1.413-200x, ADSL (revision and consolidation of ANSI T1.413-1998 and ANSI T1.413a-2001)

Describes the interface between the telecommunications network and the customer installation in terms of their interaction and electrical characteristics. The requirements of this standard apply to a single asymmetric digital subscriber line (ADSL).
Single copy price: $352.00

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

CEA (Consumer Electronics Association)

Reaffirmations

BSR/CEA 633.31-2000 (R200x), Power Line Physical Layer Conformance Specification (reaffirmation of ANSI/CEA 633.31-2000)

This portion of the conformance standard specifies tests to determine conformance of a Node's Power Line (PL) PL Physical Layer to IS-60. Part one of this standard provides an overview of the conformance philosophy. The reader is urged to review that material before attempting to use the details provided in this part.
Single copy price: $51.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 633.34-1997 (R200x), Infrared Physical Layer Conformance (reaffirmation of ANSI/CEA 633.34-1997)

Specifies tests to determine conformance of a Node's IR Physical Layer to EIA 600.
Single copy price: $50.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 633.81-2000 (R200x), CAL Conformance Specification (reaffirmation of ANSI/CEA 633.81-2000)

This portion of the conformance standard specifies tests to determine conformance of a Node's CAL to EIA 600.81. Part one of this standard provides an overview of the conformance philosophy. The reader is urged to review that material before attempting to use the details provided in this part.
Single copy price: $66.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 776.1-1999 (R200x), CEBus-EIB Router Communications Protocol - Description of the CEBus-EIB Router (reaffirmation of ANSI/CEA 776.1-1999)

Defines a specification for a baseband digital interface to a DTV using the IEEE 1394 bus and provides a level of functionality that is similar to the analog system. It is designed to enable interoperability between a DTV compliant with this standard and various types of consumer digital audio/video sources including digital set-top boxes (STBs) and analog/digital hard disk or videocassette recorders (VCRs).
Single copy price: $56.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 776.2-1999 (R200x), CEBus-EIB Router Communications Protocol - CEBus-EIB Router Medium Access Control Sublayer (reaffirmation of ANSI/CEA 776.2-1999)

Defines the physical characteristics of an interface and the parameters of the signals carried across that interface, using three parallel channels for the interconnection of equipment operating with analog component video signals. The standard includes specifications for:
(1) 480i video format defined by 480 active lines, 525 total lines, 2:1 interlaced at 59.94 or 60 fields/second; and
(2) 480p video format defined by 480 active lines, 525 total lines, progressively scanned at 59.94 or 60 frames/second.
Both video formats shall be capable of either 4:3 or 16:9 aspect ratios.
Single copy price: $51.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 776.3-1999 (R200x), CEBus-EIB Router Logical Link Control Sublayer (reaffirmation of ANSI/CEA 776.3-1999)

This section specifies the CEBus-EIB Router Logical Link Control Sublayer interfaces to the Router Network Layer and to the Layer System Management. The interfaces are described in terms of service primitives which are abstract interfaces across a layer boundary. A service primitive represents an exchange of information into or out of a layer. Although service primitives are defined using a format similar to that of programming language procedure calls, no implementation technique is implied.
Single copy price: $49.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 776.4-1999 (R200x), CEBus-EIB Router Communications Protocol - CEBus-EIB Router Network Layer (reaffirmation of ANSI/CEA 776.4-1999)

The CEBus-EIB Router Network Layer is conceptually divided into several elements, each performing distinct well-defined services. Each element may be thought of as an independent process that communicates with the other elements and protocol layers through specified interfaces.
Single copy price: $90.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

BSR/CEA 776.5-1999 (R200x), CEBus-EIB Router Communications Protocol - The EIB Communications Protocol (reaffirmation of ANSI/CEA 776.5-1999)

EIB is a control system for related applications in homes and buildings. The EIB system offers standardized basic and system components, e.g., Bus Coupling Units (BCU), Power Supply Units (PSU), Bus Interface Modules (BIM), Routers and RS-232 data interfaces. EIB offers the capability of constructing devices in a modular form using system devices like BCU or BIM that support communications-specific functions.

Single copy price: $163.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Leslie King, CEA; rjustus@ce.org

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

New Standards

BSR INCITS 399-200x, Information Technology - Fibre Channel Switch API (FC-SWAPI) (new standard)

A standard application programming interface (API) defines a scope within which, and a grammar by which, it is possible to write application software without attention to vendor-specific infrastructure behavior. This standard specifies a standard API the scope of which is management of Fibre Channel Switches and exercise of certain Fibre Channel facilities for discovery and management of the components of a Fibre Channel storage area network (SAN).
Single copy price: $18.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

Reaffirmations

INCITS/ISO/IEC 1539-2-1994 (R200x), Information Technology - Programming Languages - Fortran - Part 2: Varying Length Character Strings (reaffirmation of INCITS/ISO/IEC 1539-2-1994)

This part of ISO/IEC 1539 defines facilities for use in Fortran for the manipulation of character strings of dynamically variable length.
Single copy price: $18.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS); dspittle@itic.org

MHI (Material Handling Industry)

New Standards

BSR MH30.2-200x, Portable Dock Leveling Devices: Safety, Performance, and Testing (new standard)

Defines safety, performance and testing requirements for the design, use, and maintenance of portable dock leveling devices of the type generally referred to as dockboards and dockplates. Provides definitions of dockboard and dockplate types and component parts, safety requirements and considerations, and owner responsibilities. Buyers and specifiers may use this standard to ensure equal comparison of various manufacturers' representations as to features, performance and safety features.
Single copy price: $15.00

Order from: Michael Ogle, MHI; mogle@mhia.org
Send comments (with copy to BSR) to: Same

BSR MH30.3-200x, Trailer Restraining Devices: Safety, Performance, and Testing (new standard)

Defines safety, performance and testing requirements with regard to the design, use, and maintenance of trailer restraining devices. Provides definitions of trailer restraining device types and component parts. Safety requirements are considered and owner responsibilities are discussed. Buyers and specifiers of loading dock trailer restraint devices may use this standard to ensure equal comparison of various manufacturers' representations as to features, performance and safety features.
Single copy price: $15.00

Order from: Michael Ogle, MHI; mogle@mhia.org
Send comments (with copy to BSR) to: Same

NEMA (ASC C136) (National Electrical Manufacturers Association)

Revisions

BSR C136.13-200x, Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles (revision of ANSI C136.13-1992 (R1996))

Covers metal pipe, tubing, and structural brackets for wood poles designed to support luminaires of generally speherical, ellipsoidal, or rectangular shapes used in roadway and area lighting.
Single copy price: $25.00

Order from: Ronald Runkles, NEMA (ASC C136); ron_runkles@nema.org
Send comments (with copy to BSR) to: Same

BSR C136.19-200x, High-Pressure Sodium Lamps Guide for Selection (revision of ANSI C136.19-1996)

Covers the selection of high-pressure sodium lamps recommended for use in roadway and area lighting equipment.
Single copy price: $25.00

Order from: Ronald Runkles, NEMA (ASC C136); ron_runkles@nema.org
Send comments (with copy to BSR) to: Same

OLA (ASC Z80) (Optical Laboratories Association)

New National Adoptions

★ BSR Z80.9-200x, Ophthalmics - Low Vison Aids - Requirements (national adoption with modifications and revision of ANSI Z80.9-1998)

Applies to optical devices specified by the manufacturer for use by visually impaired persons as low vision aids. It specifies optical and mechanical requirements and test methods. It includes optical devices with electrical and or electronic components for image capture or display.
Single copy price: $10.00

Order from: Kris Dinkle, OLA (ASC Z80); kdinkle@ola-labs.org
Send comments (with copy to BSR) to: Same

Reaffirmations

BSR Z80.21-1992 (R200x), Ophthalmics - Instruments - General-Purpose Clinical Visual Acuity Charts (reaffirmation of ANSI Z80.21-1992 (R1998))

Applies to all clinical visual acuity measurement systems using recognition of high contrast optotypes and which are designed for general use. It does not apply to special testing of visual acuity.
Single copy price: $10.00

Order from: Kris Dinkle, OLA (ASC Z80); kdinkle@ola-labs.org
Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standards

★ BSR/SCTE 89-1-200x, IPCable2Home Standard - Part 1: Cable Home Networking 1.0 (new standard)

Provides a set of IP-based features that may be added to a Cable Modem or incorporated into a stand-alone device, that will enable cable operators to provide an additional set of enhanced services to their customers including support for IPCablecom Quality of Service (QoS), enhanced security, additional management and provisioning features, and improved addressing and packet handling.
Single copy price: Free (electronic copy)

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: standards@scte.org

Revisions

BSR/SCTE 24-3-200x, IPCablecom - Part 3: Network Call Signaling Protocol for the Delivery of Time-Critical Services over Cable Television Using Data Modems (revision of ANSI/SCTE 24-3-2001)

Describes a profile of an application programming interface, Media Gateway Controller Interface (MGCI), and a corresponding protocol, Media Gateway Control Protocol (MGCP), for controlling voice-over-IP (VoIP) embedded clients from external call control elements.

Single copy price: Free (electronic copy)

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: standards@scte.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 521-200x, Heat Detectors for Fire Protective Signaling Systems (Bulletin Dated August 4, 2004) (new standard)

Describes heat detectors for fire-protective signaling systems intended for installation in ordinary indoor and outdoor locations.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Kristin Andrews, UL-SC, kristin.l.andrews@us.ul.com

New National Adoptions

★ BSR/UL 60947-1-200x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 1: General Rules (national adoption with modifications and revision of ANSI/UL 60947-1-2003)

Harmonizes as far a practicable all rules and requirements of a general mature applicable to low-voltage switchgear and controlgear in order to obtain uniformity of requirements and tests throughout the corresponding range of equipment and to avoid the need for testing to different standards.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Warren Casper, UL-NC; Warren.Casper@us.ul.com

Revisions

BSR/UL 9-200x, Standard for Safety for Fire Tests of Window Assemblies (revision of ANSI/UL 9-1997)

The following items are subject to comments:

(1) Add requirements to enable fire test to be conducted under positive pressure conditions;
(2) Revise the furnace temperature requirements to better reflect temperature performance variation characteristics;
(3) Add requirements to prohibit the presence of flames on the unexposed surface and to prohibit the passage of gasses sufficient to ignite cotton waste on the unexposed side;
(4) Revise standard to provide guidance in measuring temperatures on the unexposed surface of the assembly;
(5) Revise standard to provide guidance in measuring the intensity of heat flux being transmitted through the assembly; and
(6) Revise standard to provide editorial clarification of the requirements.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Charles McCall, UL-IL; Charles.H.McCall@us.ul.com

BSR/UL 758-200x, Standard for Safety for Appliance Wiring Material (Bulletin dated July 22, 2004) (revision of ANSI/UL 758-2003)

The intent of the July 22, 2004 Bulletin is to resolve comments received in response to UL's Subject 758 Bulletin dated April 30, 2004. The July 22, 2004 Bulletin proposes changes to requirements for conductor materials, insulation and jacket materials, and the test for long-term insulation resistance in water at elevated temperature.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Derrick Martin, UL-CA; Derrick.L.Martin@us.ul.com

BSR/UL 1699-200x, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2004)

Revises the requirements for Unwanted tripping tests - Load condition II - Normal operation arcing.
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Edward Minasian, UL-NY; Edward.D.Minasian@us.ul.com

Comment Deadline: October 5, 2004

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmations

BSR/AAMI/ISO 7198-2001 (R200x), Cardiovascular Implants - Tubular Vascular Prostheses (reaffirmation of ANSI/AAMI/ISO 7198-2001)

Specifies requirements relating to testing, packaging, labeling and terminology for sterile tubular vascular prostheses intended to replace, to bypass or to form shunts between segments of the vascular system in humans.
Single copy price: $50.00/$95.00 mbr/list (print) (order code: 7198); $50.00/$95.00 mbr/list (electronic) (order code: 7198-PDF)

Order from: AAMI Customer Service; (703) 525-4890
Send comments (with copy to BSR) to: Cliff Bernier, AAMI; Cliff_Bernier@aami.org

AGMA (American Gear Manufacturers Association)

Reaffirmations

BSR/AGMA 2011-A98 (R200x), Cylindrical Wormgearing Tolerance and Inspection Methods (reaffirmation of ANSI/AGMA 2011-A98)

Establishes a classification system for the geometrical accuracy specification of wormgearing. It also provides uniform measurement procedures including discussions on single and double flank composite testing and tooth thickness measurements. The standard establishes ten accuracy grades based on the relative effect of geometrical errors on conjugate action for wormgear sets.
Single copy price: $30.00

Order from: William Bradley, AGMA; tech@agma.org
Send comments (with copy to BSR) to: Same

BSR/AGMA 2111-A98 (R200x), Cylindrical Wormgearing Tolerance and Inspection Methods (Metric) (reaffirmation of ANSI/AGMA 2111-A98)

Establishes a classification system for the geometrical accuracy specification of wormgearing. It also provides uniform measurement procedures including discussions on single and double flank composite testing and tooth thickness measurements. The standard establishes ten accuracy grades based on the relative effect of geometrical errors on conjugate action for wormgear sets. (Metric edition of ANSI/AGMA 2011-A98)
Single copy price: $30.00

Order from: William Bradley, AGMA; tech@agma.org
Send comments (with copy to BSR) to: Same

BSR/AGMA 2114-A98 (R200x), Measuring Instrument Calibration, Gear Pitch and Runout Measurements (reaffirmation of ANSI/AGMA 2114-A98)

This document provides qualification procedures for gear measuring instruments that are used for evaluation of pitch and runout measurements. This includes instruments that measure runout directly, or compute it from index measurements. It also covers condition evaluation of the measuring instrument. Recommendations are included for establishment of a proper environment and for statistical data evaluation procedures.
Single copy price: $30.00

Order from: William Bradley, AGMA; tech@agma.org
Send comments (with copy to BSR) to: Same

BSR/AGMA 6008-A98 (R200x), Specifications for Powder Metallurgy Gears (reaffirmation of ANSI/AGMA 6008-A98)

Defines the minimum detailed information to be included in the powder metallurgy gear specifications submitted by the gear purchaser to the gear producer. Specifications on gear tooth geometry are described in detail for external spur and helical gears and for straight bevel gears. The standard applies to gears made by the conventional P/M process consisting of compaction followed by sintering and, in some cases, by post-sintering treatments.
Single copy price: $30.00

Order from: William Bradley, AGMA; tech@agma.org
Send comments (with copy to BSR) to: Same

BSR/AGMA 6025-A98 (R200x), Sound for Enclosed Helical, Herringbone, and Spiral Bevel Gear Drives (reaffirmation of ANSI/AGMA 6025-D98)

Describes a recommended method of acceptance testing and reporting of the sound pressure levels generated by a gear speed reducer or increaser when tested at the manufacturer's facility. Annexes to the standard present sound power measurement methods for use when required by specific contract provisions between the manufacturer and purchaser.

Single copy price: $30.00

Order from: William Bradley, AGMA; tech@agma.org
Send comments (with copy to BSR) to: Same

AWWA (American Water Works Association)

Revisions

BSR/AWWA B300-200x, Hypoclorites (revision of ANSI/AWWA B300-1999)

Describes chlorinated lime, calcium hypochlorite, and sodium hypochlorite for use in the treatment of municipal and industrial water supplies.
Single copy price: $20.00

Order from: Jim Wailes, AWWA; jwailes@awwa.org
Send comments (with copy to BSR) to: Same

EIA (Electronic Industries Alliance)

New Standards

BSR/EIA 364-82A-200x, Corrosivity of Plastics Test Procedure for Electrical Connector and Socket Housings (new standard)

Establishes test method to determine whether a plastic electrical connector or socket housing generates corrosive elements when in contact with metallic parts or components.
Single copy price: $47.00

Order from: Global Engineering Documents, www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

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:

AGMA
American Gear Manufacturers Association
500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560
Phone: (703) 684-0211

Fax: (703) 684-0242
Web: www.agma.org

AISC
American Institute of Steel Construction
One East Wacker Drive Suite 3100
Chicago, IL 60601-2001
Phone: (312) 670-5410
Fax: (312) 644-4226
Web: www.aisc.org

ASA (ASC S1)
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Melville, NY 11747
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Fax: (631) 390-0217
Web: asa.aip.org/index.html

ATIS
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1200 G Street NW, Suite 500
Washington, DC 20005
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Web: www.atis.org

AWWA
American Water Works Association
6666 West Quincy Avenue
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Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515
Web: www.comm-2000.com

Global Engineering Documents
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OLA (ASC Z80)
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6666 West Quincy Avenue
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Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

CEA
Consumer Electronics Association
2500 Wilson Boulevard
Arlington, VA 22206
Phone: (703) 907-4327
Fax: (703) 907-7601
Web: www.ce.org

EIA
Electronic Industries Alliance
2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-7561
Fax: (703) 907-7549
Web: www.eia.org

ITI (INCITS)
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UL-NC
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: (919) -549-1543
Fax: (919) 547-6185

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
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Fax: (631) 439-6021

Initiation of Canvasses

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

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Ave., 17th Floor
New York, NY 10017
Contact: *Michael Tierney*
Phone: (860) 533-9382
Fax: (860) 533-9382
E-mail: mtierney@snet.net; mpando@kellencompany.com

BSR/BHMA A156.1-200x, Butts and Hinges (revision of ANSI/BHMA A156.1-2000)

BSR/BHMA A156.4-200x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2000)

BSR/BHMA A156.13-200x, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2002)

BSR/BHMA A156.18-200x, Materials and Finishes (revision of ANSI/BHMA A156.18-2000)

BSR/BHMA A156.26-200x, Continuous Hinges (revision of ANSI/BHMA A156.26-2000)

Final actions on American National Standards

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

IEEE (Institute of Electrical and Electronics Engineers)

Reaffirmations

ANSI/IEEE C37.82-1987 (R2004), Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE C37.82-1987 (R1998)): 7/29/2004

NECA (National Electrical Contractors Association)

New Standards

ANSI/NECA 90-2004, Recommended Practice for Installing Residential Generator Sets (new standard): 7/29/2004

NFPA (National Fire Protection Association)

New Standards

ANSI/NFPA 450-2004, Guide for Emergency Medical Services and Systems (new standard): 8/5/2004

Revisions

ANSI/NFPA 32-2004, Drycleaning Plants (revision of ANSI/NFPA 32-2000): 8/5/2004

ANSI/NFPA 45-2004, Fire Protection for Laboratories Using Chemicals (revision of ANSI/NFPA 45-2000): 8/5/2004

ANSI/NFPA 70-2005, National Electrical Code (revision of ANSI/NFPA 70-2002): 8/5/2004

ANSI/NFPA 91-2004, Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids (revision of ANSI/NFPA 91-1998): 8/5/2004

ANSI/NFPA 96-2004, Ventilation Control and Fire Protection of Commercial Cooking Operations (revision of ANSI/NFPA 96-2001): 8/5/2004

ANSI/NFPA 120-2004, Coal Preparation Plants (revision of ANSI/NFPA 120-1998): 8/5/2004

ANSI/NFPA 122-2004, Fire Prevention and Control in Underground Metal and Nonmetal Mines (revision of ANSI/NFPA 122-1995 (R2000)): 8/5/2004

ANSI/NFPA 241-2004, Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241-2000): 8/5/2004

ANSI/NFPA 271-2004, Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/NFPA 271-2001): 8/5/2004

ANSI/NFPA 302-2004, Fire Protection Pleasure and Commercial Motor Craft (revision of ANSI/NFPA 302-1998): 8/5/2004

ANSI/NFPA 405-2004, Recommended Practice for the Recurring Proficiency Training of Aircraft Rescue and Fire Fighting Services (revision of ANSI/NFPA 405-1999): 8/5/2004

ANSI/NFPA 408-2004, Aircraft Hand Portable Fire Extinguishers (revision of ANSI/NFPA 408-1999): 8/5/2004

ANSI/NFPA 409-2004, Aircraft Hangars (revision of ANSI/NFPA 409-2001): 8/5/2004

ANSI/NFPA 410-2004, Aircraft Maintenance (revision of ANSI/NFPA 410-1999): 8/5/2004

ANSI/NFPA 422-2004, Guide for Aircraft Accident Response (revision of ANSI/NFPA 422-1999): 8/5/2004

ANSI/NFPA 423-2004, Construction and Protection of Aircraft Engine Test Facilities (revision of ANSI/NFPA 423-1999): 8/5/2004

ANSI/NFPA 430-2004, Code for the Storage of Liquid and Solid Oxidizers (revision of ANSI/NFPA 430-2000): 8/5/2004

ANSI/NFPA 502-2004, Road Tunnels, Bridges, and Other Limited Access Highways (revision of ANSI/NFPA 502-2001): 8/5/2004

ANSI/NFPA 555-2004, Guide on Methods for Evaluating Potential for Room Flashover (revision of ANSI/NFPA 555-1996 (R2000)): 8/5/2004

ANSI/NFPA 701-2004, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of ANSI/NFPA 701-1999): 8/5/2004

ANSI/NFPA 780-2004, Installation of Lightning Protection Systems (revision of ANSI/NFPA 780-1997): 8/5/2004

ANSI/NFPA 1150-2004, Fire Fighting Foam Chemicals for Class A Fuels in Rural, Suburban, and Vegetated Areas (revision of ANSI/NFPA 1150-1999): 8/5/2004

ANSI/NFPA 1201-2004, Developing Fire Protection Services for the Public (revision of ANSI/NFPA 1201-2000): 8/5/2004

ANSI/NFPA 1250-2004, Recommended Practice in Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2000): 8/5/2004

ANSI/NFPA 1710-2004, Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments (revision of ANSI/NFPA 1710-2001): 8/5/2004

ANSI/NFPA 1720-2004, Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operations to the Public by Volunteer Fire Departments (revision of ANSI/NFPA 1720-2001): 8/5/2004

ANSI/NFPA 1931-2004, Design of and Design Verification Tests for Fire Department Ground Ladders (revision of ANSI/NFPA 1931-1999): 8/5/2004

ANSI/NFPA 1932-2004, Use, Maintenance and Service Testing of Fire Department Ground Ladders (revision of ANSI/NFPA 1932-1999): 8/5/2004

Withdrawals

ANSI/NFPA 121-2001, Fire Protection for Self-Propelled and Mobile Surface Mining Equipment (withdrawal of ANSI/NFPA 121-2001): 8/5/2004

ANSI/NFPA 123-1998, Fire Prevention and Control in Underground Bituminous Coal Mines (withdrawal of ANSI/NFPA 123-1998): 8/5/2004

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 61010-1-2004, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements (national adoption with modifications): 7/12/2004

Revisions

ANSI/UL 651-2004, Standard for Safety for Schedule 40 and 80 Rigid PVC Conduit (revision of ANSI/UL 651-2002): 7/27/2004

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.

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road Suite 300
Arlington, VA 22206

Contact: *Dick Shaw*

Fax: (231) 854-1488

E-mail: dick.shaw@acca.org

BSR/ACCA 5 HVAC Extended Care-200x, Assessment/Maintenance of existing HVACR Equipment in all other buildings other than one- and two-family dwellings less than three stories (new standard)

Stakeholders: Building owners/managers, Consumers, HVAC contractors and HVAC equipment suppliers & manufacturers.

Project Need: Provide Commercial HVAC contractors with industry standards for proper assessment/maintenance procedures to optimize operation, extended care, safety and health of existing HVAC equipment typically sized under 25 tons (300,000 BTUH).

A procedural checklist of the inspection and assessment points within the electrical, controls, mechanical and air distribution system of HVAC systems that require checking, cleaning, adjusting and/or replacing on a periodic basis to confirm that the numerous components within the HVAC system function safely, as designed, and at the highest level of operating efficiency.

BSR/ACCA 6 Man"N"-200x, Commercial Building Load Calculations (new standard)

Stakeholders: Building occupants, environment, maximum comfort at minimum energy utilization.

Project Need: Create standard for accurate, pragmatic procedures for calculating heat loss/gain in commercial buildings.

Creates a technical manual outlining proper methods and procedures for accurately calculating the heat loss/gain of commercial structures typically using equipment nominally sized at 25 Tons (300,000 BTUH) and less.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: P.O. Box 4035
Annapolis, MD 21403

Contact: *Isabel Bailey*

Fax: (410) 663-7554

E-mail: Isabel.Bailey@X9.org

ANSI X9.29-1998, Check Carrier Envelope Specifications (withdrawal of ANSI X9.29-1998)

Stakeholders: Financial services industry

Project Need: The three known carrier manufacturers would be the only purchasers of this standard. Financial institutions do not manufacture check carriers, they utilize them.

This Standard covers design considerations applying to carriers used for forward transit items, return items, imaging, and other bank interchange purposes.

ANSI X9.46-1997, Financial Image Interchange: Architecture, Overview, and System Design Specification (withdrawal of ANSI X9.46-1997)

Stakeholders: Financial services industry

Project Need: With improving technology, the standard is no longer needed.

This standard defines an open electronic data interchange protocol for use by the financial industry in the exchange of imaged items and financial data across a heterogeneous computing environment. In accordance with the user requirements and system overview specified herein, and the supplemental Technical Reference Guide, this standard specifies an architecture and system design for the end-to-end exchange of digitized images of financial documents.

BSR X9.100-151-1998 (R200x), Check Correction Strip Specification (reaffirmation and redesignation of ANSI X9.40-1998)

Stakeholders: Financial Services Industry

Project Need: Addresses the design and functional characteristics of the strip extension affixed to a check to provide a new MICR clear band for modification or correction.

This standard covers the design and the functional characteristics of the strip extension ("strip") as affixed to a check. These strips provide a new MICR clear band area used to modify or correct the MICR line of items for forward collection, returns, rejects, or other banking interchange systems. This specification is an adjunct document to ANSI X9.29 Check Carrier Envelope Specification which presents an alternate check correction method.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Helene Skloff*

E-mail: hskloff@astm.org

BSR/ASTM WK5453-200x, Practice for the Prevention of Dermatitis in the Wet Metal Removal Environment (new standard)

Stakeholders: Metalworking

Project Need: Dermatitis is the most common illness resulting from occupational exposure to metal removal fluids. There are no ASTM (or other consensus) standards related to its prevention. The document will be used by users of metal removal fluids.

This practice incorporates practical means and mechanisms to prevent occurences of dermatitis in the wet metal removal fluid environment.

BSR/ASTM WK5454-200x, Practice for Minimizing Effects of Aerosols in the Wet Metal Forming Environment (new standard)

Stakeholders: Metalworking

Project Need: A standard similar to E1972, but directed towards of users of metal forming fluids, would be of assistance to those users who have concerns about exposure to mists of metal forming fluids.

This practice incorporates all pratical means and mechanisms to minimize aerosol generation in the wet metal forming environment.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Susan Carioti*

Fax: (202) 347-7125

E-mail: scarioti@atis.org; acolon@atis.org

BSR/ATIS 0326400-200x, OAM&P - Model for Alarm Synchronization (revision and redesignation of ANSI T1.264-1999)

Stakeholders: Telecom and Information Technology

Project Need: It is the intention of this standard to use and align with the relevant ITU-T Recommendation.

This alignment effort consists of adopting ITU-T Recommendation Q.821 to replace the previously published (1999) version of T1.264.

BSR/ATIS 0326800-200x, TMN - PKI - Digital Certificates and Certificate Revocation Lists Profile (revision and redesignation of ANSI T1.268-2000)

Stakeholders: Telecom and Information Technology

Project Need: It is the intention of this standard to use and align with the relevant ITU-T Recommendation.

This alignment effort consists of adopting ITU-T Recommendation Q.817 to replace the previously published (2000) version of T1.268.

BSR/ATIS 0327000-200x, CORBA Generic Network and NE Level Information Model (revision and redesignation of ANSI T1.270-2000)

Stakeholders: Telecom and Information Technology

Project Need: It is the intention of this standard to use and align with the relevant ITU-T Recommendation.

This alignment effort consists of adopting ITU-T Recommendation M.3120 to replace the previously published (2000) version of T1.270.

BSR/ATIS 0327100-200x, Framework for CORBA-Based Telecommunications Management Network Interfaces (revision and redesignation of ANSI T1.271-2000)

Stakeholders: Telecom and Information Technology

Project Need: It is the intention of this standard to use and align with the relevant ITU-T Recommendation.

This alignment effort consists of adopting ITU-T Recommendations Q.816, Q816.1, X.780,and X.780.1 to replace the previously published (2000) version of T1.271.

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: *Jim Wailes*

Fax: (303) 795-7603

E-mail: jwailes@awwa.org

BSR/AWWA B50Z-200x, Zinc Orthophosphate (new standard)

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

Project Need: Stops colored water caused by "bleeding" tuberculation and has also been used in water treatment to reduce asbestos fiber counts and provide protection for asbestos-cement pipe.

This standard describes zinc orthophosphate corrosion inhibitor in dry and solution forms for use in water supply service applications.

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Ave., 17th Floor
New York, NY 10017

Contact: *Michael Tierney*

Fax: (860) 533-9382

E-mail: mtierney@snet.net; mpando@kellencompany.com

BSR/BHMA A156.1-200x, Butts and Hinges (revision of ANSI/BHMA A156.1-2000)

Stakeholders: Building construction

Project Need: Normal five-year revision cycle

This Standard establishes requirements for lightweight, standard weight, heavy weight and detention hinges. Cycle tests, lateral and vertical wear tests, friction tests, strength tests, finish tests, and material and dimensional requirements are included.

BSR/BHMA A156.4-200x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2000)

Stakeholders: Building construction

Project Need: Normal five-year revision cycle

This Standard contains requirements for door closers surface mounted, concealed in the door, overhead concealed and concealed in the floor. Also included are pivots for floor closers. Criteria for conformance include cycle, operational, closing force and finish tests. Optional tests which shall be specified separately are also included.

BSR/BHMA A156.13-200x, Mortise Locks and Latches (revision of ANSI/BHMA A156.13-2002)

Stakeholders: Building construction

Project Need: Normal five-year revision cycle

This Standard establishes requirements for Mortise Locks and Latches and includes operational tests, security tests, cycle tests, finish tests, material evaluation tests and dimensional criteria.

BSR/BHMA A156.18-200x, Materials and Finishes (revision of ANSI/BHMA A156.18-2000)

Stakeholders: Building construction

Project Need: Normal five-year revision cycle

This Standard establishes finish test methods and code numbers for finishes on various base materials. It includes criteria for viewing comparative finishes to the BHMA match plates and establishes five categories of finishes.

BSR/BHMA A156.26-200x, Continuous Hinges (revision of ANSI/BHMA A156.26-2000)

Stakeholders: Building construction

Project Need: Normal five-year revision cycle

This Standard establishes requirements for architectural continuous hinges used in building construction. Cycle, finish, abuse, overload, vertical wear, and strength tests are included.

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-1622-D-200x, Information technology - Common Biometric Exchange Formats Framework (new standard)

Stakeholders: It is expected that availability and broad adoption of the CBEFF specification will greatly expand potential markets for biometric technology, particularly in the IT, consumer/retail and internet markets.

Project Need: NISTIR 6529-A is an augmented and revised version of the original CBEFF, the Common Biometric Exchange File Format, published in January 2001 as NISTIR 6529.

The CBEFF specification (NISTIR 6529-A) defines a common set of data elements necessary to support multiple biometric technologies and to promote interoperability of biometric-based application programs and systems by allowing for biometric data exchange. These common data elements can be placed in a single file, record, or data object used to exchange biometric information between different system components and applications. CBEFF specifies the Biometric data elements.

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.

Announcement of Procedural Revision

Comment Deadline: August 29, 2004

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. Mailed comments should be sent to ANSI, ExSC Recording Secretary, 25 West 43rd Street, 4th Floor, New York, NY 10036.

(NOTE: The Procedural Revision on the next page, ExSC 6402, appeared in last week's issue of Standards Action. It is being presented in this week's issue to help clarify the introductory paragraph. This editorial change does not affect the text of the Procedural Revision and does not change its comment deadline.)

ExSC 6402

These proposed revisions include the revision of clause 3.3 of the ANSI Essential Requirements and the addition of clause 4.4 to the ANSI Auditing Policy and Procedures. These revisions are consistent with the revisions made in 2004 to clause 3.3 Evidence of compliance of the ANSI Essential Requirements.

Proposed revision to the ANSI Essential Requirements:

3.3 Evidence of compliance

ANSI-accredited standards developers shall retain records to demonstrate compliance with all aspects of these and the developer's accredited procedures. Such records shall be available for audit as directed by the ANSI Executive Standards Council (ExSC).

An ANSI-accredited standards developer has three options relative to new, revised or reaffirmed American National Standards maintained under the periodic maintenance option (see 4.7.1):

1. Records shall be retained for one complete standards cycle, or until the standard is revised.
2. Records shall be retained based on the formula established by the ANSI ExSC as set-forth in the *ANSI Auditing Policy and Procedures.*
3. A developer that does not ~~wish to retain records for one complete standards cycle or until the standard is revised~~ choose option 1 or option 2 will be audited more frequently and shall retain all records for all standards approved[1] as ANS subsequent to the most recent ANSI audit until completion of the current audit.

An ANSI-accredited standards developer has three options relative to new, revised or reaffirmed American National Standards maintained under the continuous maintenance option (see 4.7.2):

1. Records shall be retained for a minimum of five (5) years or until approval of the subsequent revision or reaffirmation of the complete standard

2. Records shall be retained based on the formula established by the ANSI ExSC as set-forth in the *ANSI Auditing Policy and Procedures*

3. A developer that does not ~~wish to retain records for one complete standards cycle or until the standard is revised~~ choose option 1 or option will be audited more frequently and shall retain all records for all standards approved as ANS subsequent to the most recent ANSI audit until completion of the current audit.

Records concerning withdrawals of all American National Standards shall be retained for at least five years from the date of withdrawal or for a duration consistent with the audit schedule.

[1] Approved: the approval process and appeals processes at ANSI have concluded.

Proposed revision to the ANSI Auditing Policy and Procedures:

4.4 Evidence of Compliance Audit Sample Selection Formula

This formula provides the option to establish a sample of records subject to audit on an ongoing basis within a five-year window, thus allowing the standards developer to discard records immediately that are not included in the sample. The standards developer shall notify the ANSI Audit Director of their interest in utilizing this option and the ANSI Audit Director shall notify the ANSI ExSC accordingly. Unless the ANSI ExSC objects to the standards developer's request based on accreditation or audit related issues, the ANSI Audit Director shall establish an agreement with the standards developer to implement this option.

The standards developer shall submit periodically, based on an agreed upon schedule, a list of standards that have been approved as American National Standards and that satisfy the established criteria. The standards developer shall report to ANSI additions to this list, but shall not delete standards from the list without prior approval by ANSI. The ANSI Audit Director shall identify the standards that will be subject to audit based upon established criteria and so notify the standards developer in a timely manner. The standards developer is required to retain records for all standards selected for audit.

The following criteria has been established for those standards developers selecting this option:

1) Standards developer shall retain records related to 25% of all American National Standards approved since the last audit;

2) Standards developer shall retain records for standards with unresolved objections (from consensus body and/or public review) such that standards with unresolved objections constitute 25% of all standards for which records are retained or records for all standards with unresolved objections, whichever is fewer;

3) Standards developer shall retain records for a minimum of one standard, and preferably two or more standards as specified by the ANSI Audit Director, from each consensus body, committee or subcommittee that has produced one or more standards approved since the previous audit;

4) Standards developer shall retain records for a minimum of one standard, and preferably two or more standards as specified by the ANSI Audit Director, from each of the different product, service, or technical areas addressed by the standards program;

In addition:

5) Standards developer shall retain records of all appeals including records of the entire related standards development process since the last audit:

6) Standards developer shall retain records for any interpretations issued since the last audit, whether for standards approved prior to or since the last audit;

7) Standards developer shall retain records for any standard approved since the last audit that included patent issues; and

8) Standards developer shall retain records for any standards approved since the last audit that are sponsored jointly with another organization, whether or not the organization is accredited by ANSI as a standards developer.

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 17775, Aircraft fluid systems - Ground-service interfaces - Potable water, toilet-flush water and toilet drain - 10/30/2004, $32.00

COPPER, LEAD AND ZINC ORES AND CONCENTRATES (TC 183)

ISO/DIS 10378, Copper, lead and zinc sulfide concentrates - Determination of gold and silver contents - Fire assay gravimetric and flame atomic absorption spectrometric method - 10/14/2004, $119.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 9227, Corrosion tests in artificial atmospheres - Salt spray tests - 10/9/2004, $67.00

CRYOGENIC VESSELS (TC 220)

ISO/DIS 21011, Cryogenic vessels - Valves for cryogenic service - 10/30/2004, $53.00

ISO/DIS 21012, Cryogenic vessels - Hoses - 10/30/2004, $58.00

ISO/DIS 21013-1, Cryogenic vessels - Pressure relief accessories for cryogenic service - Part 1: Reclosable pressure relief valves - 10/30/2004, $43.00

ISO/DIS 21013-2, Cryogenic vessels - Pressure relief accessories for cryogenic service - Part 2: Non reclosable pressure relief devices - 10/30/2004, $43.00

ISO/DIS 21013-3, Cryogenic vessels - Pressure relief accessories for cryogenic service - Part 3: Sizing and capacity determination - 10/30/2004, $43.00

ISO/DIS 21014, Cryogenic vessels - Cryogenic insulation performance - 10/30/2004, $67.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 3334, Micrographics - ISO resolution test chart No. 2 - Description and use - 10/30/2004, $43.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 6182-13, Fire protection - Automatic sprinklers - Part 13: Requirements and test methods for extended coverage sprinklers - 10/30/2004, $119.00

FIRE SAFETY (TC 92)

ISO/DIS 10295-2, Fire tests for building elements and components - Integrity and insulation performance testing of service installations - Part 2: Linear joint (gap) seals - 10/30/2004, $78.00

GAS CYLINDERS (TC 58)

ISO/DIS 3500, Gas cylinders - Seamless steel CO2 cylinders for fixed fire-fighting installations on ships - 10/30/2004, $38.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 23081-1, Information and documentation - Records management processes - Metadata for records - Part 1: Principles - 10/10/2004, $67.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 3046-3, Reciprocating internal combustion engines - Performance - Part 3: Test measurements - 10/30/2004, $32.00

PHOTOGRAPHY (TC 42)

ISO/DIS 12232, Photography - Digital still cameras - Determination of exposure index, ISO speed ratings, standard output sensitivity, and recommended exposure index - 10/30/2004, $67.00

ROAD VEHICLES (TC 22)

ISO/DIS 7975, Passenger cars - Braking in a turn - Open-loop test method - 10/15/2004, $78.00

ISO/DIS 12156-1, Diesel fuel - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Part 1: Test method - 10/30/2004, $53.00

ISO/DIS 16833, Road vehicles - Wheels - Measurement of radial and lateral run-out - 10/15/2004, $43.00

ISO/DIS 20826, Road vehicles - Automotive LPG components - Containers - 10/15/2004, $119.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 1704, Ships and marine technology - Stud-link anchor chains - 10/30/2004, $63.00

SMALL CRAFT (TC 188)

ISO/DIS 10087, Small craft - Craft identification - Coding system - 10/16/2004, $32.00

SMALL TOOLS (TC 29)

ISO/DIS 11054, Cutting tools - Designation of high-speed steel groups - 10/13/2004, $28.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 17665, Sterilization of health care products - Moist heat - Development, validation and routine control of a sterilization process for medical devices - 10/30/2004, $119.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 3739-1, Industrial tyres and rims - Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat-based rims - Designation, dimensions and marking - 10/30/2004, $53.00

ISO/DIS 3739-3, Industrial tyres and rims - Part 3: Rims - 10/30/2004, $43.00

WATER QUALITY (TC 147)

ISO/DIS 17852, Water quality - Determination of mercury - Method using atomic fluorescence spectrometry - 10/13/2004, $58.00

ISO/DIS 17858, Water quality - Determination of dioxin-like polychlorinated biphenyls - Method using gas chromatography/mass spectrometry - 10/13/2004, $113.00

Newly Published ISO Standards

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

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 3093:2004, Wheat, rye and respective flours, durum wheat and durum wheat semolina - Determination of the Falling Number according to Hagberg-Perten, $58.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO 16484-2:2004, Building automation and control systems (BACS) - Part 2: Hardware, $119.00

CRANES (TC 96)

ISO 4309:2004, Cranes - Wire ropes - Care, maintenance, installation, examination and discard, $102.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22877:2004, Castors and wheels - Vocabulary, symbols and multilingual terminology, $113.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 10816-2/Cor1:2004, Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts - Part 2: Large

land-based steam turbine generator sets in excess of 50 MW - Corrigendum, FREE

NUCLEAR ENERGY (TC 85)

ISO 12795:2004, Nuclear fuel technology - Uranium dioxide powder and pellets - Determination of uranium and oxygen/uranium ratio by gravimetric method with impurity correction, $43.00

ISO 16795:2004, Nuclear energy - Determination of Gd2O3 content of gadolinium fuel pellets by X-ray fluorescence spectrometry, $43.00

ISO 19238:2004, Radiation protection - Performance criteria for service laboratories performing biological dosimetry by cytogenetics, $78.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 12870:2004, Ophthalmic optics - Spectacle frames - Requirements and test methods, $83.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 5797:2004, Ships and marine technology - Windows and side scuttles for fire-resistant constructions, $32.00

VALVES (TC 153)

ISO 17292:2004, Metal ball valves for petroleum, petrochemical and allied industries, $78.00

WATER QUALITY (TC 147)

ISO 11733:2004, Water quality - Determination of the elimination and biodegradability of organic compounds in an aqueous medium - Activated sludge simulation test, $88.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 15609-4:2004, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 4: Laser beam welding, $49.00

ISO 15612:2004, Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure, $38.00

ISO Technical Specifications

WELDING AND ALLIED PROCESSES (TC 44)

ISO/TS 17845:2004, Welding and allied processes - Designation system for imperfections, $119.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 7811-7:2004, Identification cards - Recording technique - Part 7: Magnetic stripe - High coercivity, high density, $83.00

ISO/IEC 14496-3/Amd2:2004, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 2: Parametric coding for high-quality audio, $156.00

ISO/IEC 15938-3/Amd1:2004, - Amendment 1: Visual extensions, $97.00

CEN/CENELEC Standards Activity

Competitive Excellence Through Standardization Technology

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

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

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

Ordering Instructions

ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at www.ansi.org.

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

CEN

European drafts sent for CEN enquiry

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

EN 10217-1: 2002/prA1, Welded steel tubes for pressure purposes -Technical delivery conditions - Part 1: Non-alloy steel tubes with specified room temperature properties - 10/8/2004, $28.00

EN 10217-2: 2002/prA1, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties - 10/8/2004, $28.00

EN 10217-3: 2002/prA1, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 3: Non-alloy and alloy fine grain steel tubes - 10/8/2004, $28.00

EN 10217-4: 2002/prA1, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 4: Electric welded non-alloy and alloy steel tubes with specified low temperature properties - 10/8/2004, $28.00

EN 10217-5: 2002/prA1, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties - 10/8/2004, $28.00

EN 10217-6: 2002/prA1, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties - 10/8/2004, $28.00

EN 12094-7: 2000/prA1, Fixed firefighting systems - Components for gas extinguishing systems - Part 7: Requirements and test methods for nozzles for CO2 systems - 10/8/2004, $28.00

EN 13087-8: 2000/prA1, Protective helmets - Test methods - Part 8: Electrical properties - 10/8/2004, $28.00

EN ISO 9000: 2000/prA1, Quality management systems - Fundamentals and vocabulary - Amendment 1 (ISO 9000: 2000/DAmd 1: 2004) - 10/24/2004, $28.00

prEN 584-1 REVIEW, Non-destructive testing - Industrial radiographic film - Part 1: Classification of film systems for industrial radiography - 11/1/2004, $43.00

prEN 821-3 REVIEW, Advanced technical ceramics - Monolithic ceramics - Thermo-physical properties - Part 3: Determination of specific heat capacity - 10/8/2004, $58.00

prEN 1303 REVIEW, Building hardware - Cylinders for locks - Requirements and test methods - 11/8/2004, $83.00

prEN 12881-1, Conveyor belts - Fire simulation flammability testing - Part 1: Propane burner tests - 9/1/2004, $72.00

prEN 14227-10, Unbound and hydraulically bound mixtures - Specifications - Part 10: Soil treated by cement - 11/1/2004, $58.00

prEN 14346, Characterization of waste - Calculation of dry matter by determination of dry residue and water content - 10/8/2004, $38.00

prEN 14886, Rubber and plastics machines - Bandknife cutting machines for block foams - Safety requirements - 12/1/2004, $125.00

prEN 14994, Gas explosion venting protective systems - 12/1/2004, $88.00

prEN 14995, Plastics - Evaluation of Compostability - Test Scheme and Specifications - 12/1/2004, $58.00

prEN 14996, Water quality - Guidance on assuring the quality of biological and ecological assessment in the acquatic environment - 11/8/2004, $58.00

prEN 14997, Characterization of waste - Leaching behaviour tests - Influence of pH on leaching with continuous pH-control - 12/8/2004, $83.00

prEN 14998, Derivatives from coal pyrolysis - Coal tar based oils: fluxings oils - Specifications and test methods - 10/8/2004, $32.00

prEN 15000, Specification for lingitudinal load moment limiters for variable reach trucks - 12/1/2004, $43.00

prEN 15002, Characterization of waste - Preparation of test portions from the laboratory sample - 12/8/2004, $107.00

prEN 15004-1, Fixed firefighting systems - Gas extinguishing systems - Part 1: General requirements for planning and installation - 11/8/2004, $147.00

prEN ISO 15652, Small craft - Remote steering systems for inboard mini jet boats (ISO 15652: 2003) - 12/8/2004, $28.00

European drafts sent for formal vote (for information)

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

EN ISO 11290-1: 1996/prA1: 2004, Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of Listeria monocytogenes - Part 1: Detection method - Amendment 1: Modification of the isolation media, of the haemolysis test and inclusion of precision data (ISO 11290-1996/FDAM 1: 2004)

EN ISO 11290-2: 1998/prA1: 2004, Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of Listeria monocytogenes - Part 2: Enumeration method - Amendment 1: Modification of the isolation medium (ISO 11290-2: 1998/FDAM 1: 2004)

prCEN/TS 14961, Solid biofuels - Fuel specifications and classes

prCEN/TS 15003, Durability of wood-based products - Criteria for hot air processes for curative uses against wood destroying organisms

prCEN/TS 14999, Adhesives for thermoplastic piping systems - Accelerated aging test of adhesives

prEN 314-1 REVIEW, Plywood - Bonding quality - Part 1: Test methods

prEN 491 REVIEW, Concrete roofing tiles and fittings for roof covering and wall cladding - Test methods

prEN 1645-1 REVIEW, Leisure accommodation vehicles - Caravans - Part 1: Habitation requirements relating to health and safety

prEN 1646-1 REVIEW, Leisure accommodation vehicles - Motor Caravans - Part 1: Habitation requirements relating to health and safety

prEN 1647 REVIEW, Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

prEN 1648-1 REVIEW, Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 1: Caravans

prEN 1648-2 REVIEW, Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations - Part 2: Motor caravans

prEN 1994-1-2 REVIEW, Eurocede 4 - Design of composite steel and concrete structures - Part 1-2: General rules - Structural fire design

prEN 1996-1-2 REVIEW, Eurocode 6: Design of masonry structures - Part 1-2: General rules - Structural fire design

prEN 10217-7, Welded steel tubes for pressure purposes - Technical delivery conditions - Part 7: Stainless steel tubes

prEN 12766-3, Petroleum products and used oils - Determination of PCBs and related products - Part 3: Determination and quantification of polychlorinated terphenyls (PCT) and polychlorinated benzyl toluenes (PCBT) content by gas chromatography (GC) using an electron capture detector (ECD)

prEN 13100-2, Non destructive testing of welded joints of thermoplastics semi-finished products - Part 2: X-ray radiographic testing

prEN 13100-3, Non destructive testing of welded joints of thermoplastics semi-finished products - Part 3: Ultrasonic testing

prEN 13402-3, Size designation of clothes - Part 3: Measurements and intervals

prEN 13463-2, Non-electrical equipment for use in potentially explosive atmospheres - Part 2: Protection by flow restricting enclousre "fr"

prEN 13795-2, Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment - Part 2: Test methods

prEN 13824, Sterilzation of medical devices - Aseptic processesing of liquid medical devices - Requirements

prEN 13870, Food processing machinery - Chop cutting machines - Safety and hygiene requirements

prEN 14279, Laminated Veneer Lumber (LVL) - Definitions, classification and specifications

prEN 14361, Aluminium and aluminium alloys - Chemical analysis - Sampling from metal melts

prEN 14532-1, Welding consumables - Test methods and quality requirements - Part 1: Primary methods and conformity assessment of consumables for steel, nickel and nickel alloys

prEN 14532-2, Welding consumables - Test methods and quality requirements - Part 2: Supplementary methods and conformity assessment of consumables for steel, nickel and nickel alloys

prEN 14532-3, Welding consumables - Test methods and quality requirements - Part 3: Conformity assessment of wire electrodes, wires and rods for welding of aluminium alloys

CEN/CENELEC

European drafts sent for CEN/CENELEC enquiry

The following European drafts have been sent to CEN/CENELEC members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal. Copies are available from ANSI at the prices indicated.

prEN ISO/IEC 17021, Conformity assessment - Requirements for bodies providing audit and certification of management systems (ISO/IEC DIS 17021: 2004) - 10/24/2004, $28.00

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

AOL

Organization: American Online
22000 AOL Way
Dulles, VA 20166
Contact: Zhihong Zhang
PHONE: 703-265-2522; FAX: 703-265-1343
E-mail: Zhang@aol.net

Public review: June 2, 2004 to August 31 2004

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

Association of Records Managers and Administrators (ARMA International)

The Executive Standards Council has approved the reaccreditation of the Association of Records Managers and Administrators (ARMA International) under revised operating procedures for documenting consensus on proposed American National Standards, effective July 28, 2004. For additional information, please contact: Ms. Diane Carlisle, Director, Publications & Technical Services, ARMA International, 13725 West 109th Street, Suite 101, Lenexa, KS 66215; PHONE: (913) 341-3808; FAX: (913) 341-3742; E-mail: dcarlisl@arma.org.

ANSI-RAB National Accreditation Program for Quality Management Systems

Application for Accreditation

Registrar

American Management Technology, Inc.

Comment Deadline: October 5, 2004

American Management Technology, Inc., based in Fontana, WI, has applied for accreditation under the ANSI-RAB National Accreditation Program for Registrars of Quality Management Systems, a joint program of the American National Standards Institute and the Registrar Accreditation Board.

Comments on the application of the above registrar are solicited from interested bodies.

Please send your comments by October 5, 2004, to Lane Hallenbeck, Vice-President, Conformity Assessment, American National Standards Institute, 1819 L St. NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: LHallenb@ansi.org.

International Organization for Standardization (ISO)

Correction to Listing

ISO/DIS 15686-5

The listing of ISO/DIS 15686-5, which appeared in the May 28th issue of Standards Action, had an incorrect title. The corrected listing appears below:

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 15686-5, Buildings and constructed assets - Service life planning - Part 5: Whole life costing - 8/13/2004, $107.00

Reviewers for a New Work Item Proposal

U.S. TAG for ISO/TC 34, Food Products

The Administrator of the US Technical Advisory Group (TAG) for ISO/TC 34, Food products, is seeking reviewers for a New Work Item Proposal entitled "Food irradiation - Good processing practices for the irradiation of foods intended to human consumption."

The scope of the activity submitted by Argentina is:

> This standard specifies the good practices to be implemented to achieve effective irradiation processing of food products as a way of maintaining their initial quality and their safety.

Anyone interested in reviewing this proposal for further study in ISO/TC 34, please contact Dr. Richard Cantrill, American Oil Chemists' Society via e-mail: rcantril@aocs.org.

U.S. Technical Advisory Groups

Resumption of Participating Membership

U.S. TAG to ISO/TC 48, Laboratory Glassware and Related Apparatus, and ISO/TC 48/SC 6, Laboratory and Volumetric Ware

ASTM International has submitted to ANSI updated information (including staff contact information and TAG roster) in relation to the ANSI-Accredited U.S. Technical Advisory Group to ISO/TC 48, Laboratory glassware and related apparatus and ISO/TC 48/SC 6, Laboratory and volumetric ware, and has requested the resumption of participating ("P") membership in these committees. The U.S. TAG to ISO/TC 48 and ISO/TC 48/SC 6 will continue to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities, as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Ms. Nancy Morrissey, Staff Manager, ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959; PHONE: (610) 832-9736; FAX:(610) 832-9666; Email: nmorriss@astm.org.

U.S. TAG to ISO/IEC JTC 1, Information Technology

U.S. Submissions to JTC 1 for Fast-Track Processing

INCITS, the U.S. TAG, announces the U.S. Submission to JTC 1 for Fast-Track processing of INCITS 354:2001, Information Technology - Common Industry Format for Usability Test Reports.

INCITS 354:2001 was approved by the American National Standard Institute. INCITS, the U.S. TAG, is soliciting comments from the U.S. community on the appropriateness of the submission of this standard for Fast-Track processing in JTC 1.

The announcement period extends from August 6, 2004 to September 5, 2004.

Please send all comments to: INCITS Secretariat, 1250 Eye Street, NW, Suite 200, Washington, DC 20005, Attn: Deborah J. Spittle (dspittle@itic.org), and a copy of comments to: Lisa Rajchel, ANSI, 25 West 43rd Street, New York, NY 10036.

To obtain a copy of this standard, please see - http://www.techstreet.com/incitsgate.tmpl.

Meeting Notices

ARI Standard 880-98, Air Terminals

ARI announces a meeting of its ACDD Engineering Committee to be held over the internet by PlaceWare on September 7, 2004 beginning at 9:30 a.m. ET. The meeting is open to the public. If you are interested in attending, please contact Michael Woodford at (703) 600-0328 or woodford@ari.org.

ASC A108 Secretariat - The Tile Council of North America

There will be a meeting of the ANSI ASC A108 Committee on September 13, 2004 at the Millennium Hotel in St. Louis, Missouri from 8:00 am - 5:00 pm. The meeting will be held in conjunction with the National Tile Contractors Association's Total Solutions 2004 Conference, which runs from September 16th - 18th. The ASC A108 meeting will focus on: revisions to the existing A108 standards, the review of new standards for glass tile installation and the newly revised tile manufacturing standard A137.1. For questions and/or submissions please contact Sharon Jones at The Tile Council of North America (the ASC A108 secretariat) at (864) 646-8453 or e-mail: sjones@tileusa.com.

Proposed new revisions to ANSI/AAMI ID26, Medical electrical equipment — Part 2: Particular requirements for the safety of infusion pumps and controllers

Public review of this revised document was originally announced in the May 21 2004 edition of ANSI Standards Action, and closed on July 20 2004. Comments received by a member of the document's authoring committee prompted the two additional revisions (below) that are currently under public review.

6.8.2 Instructions for use, sub-clauses 32 and 33

The sub-clauses have been changed from:

32) a warning statement on the possible SAFETY HAZARDS associated with Magnetic Resonance Imaging (MRI) which may affect the safe operation of the equipment;

33) a warning statement on the possible SAFETY HAZARDS associated with hyperbaric chambers which may affect the safe operation of the equipment.

They now read:

32) a warning statement on the possible SAFETY HAZARDS associated with Magnetic Resonance Imaging (MRI) which may affect the safe operation of the equipment, if applicable;

33) a warning statement on the possible SAFETY HAZARDS associated with hyperbaric chambers which may affect the safe operation of the equipment, if applicable.

Sub-clause 51.108

The second sentence of this sub-clause has been changed from:

FOR INFUSION PUMPS FOR AMBULATORY USE, the alarm shall occur in no more than 1 hr.

It now reads:

INFUSION PUMPS FOR AMBULATORY USE shall include an alarm if the equipment is switched to a standby mode of operation for more than 1 hr.

Revisions to UL 1769

6 Handwheels

6.1 A valve for LP-Gas intended for use with an overfilling prevention device shall comply with the following:

a) The handwheel design shall be tri-lobular as shown in Figure 6.1.

b) The handwheel shall be permanently attached and be integral to the valve stem or secured with a tamper resistant fastener. The handwheel shall be nonremovable with common hand tools such as screwdrivers, pliers, wrenches, etc.

c) ~~The handwheel shall not include any additional colored coatings.~~

Revisions to UL 2227

5 General

5.1 An overfilling prevention device shall include all of the components required for its normal function and installation, and shall be furnished as a single unit or as part of a valve/OPD assembly.

5.5 Pipe threads shall be in accordance with the Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1, or FED-STD-H28/8B, Screw-Thread Standards for Federal Services, Section 8, Dryseal Pipe Threads.

(NEW)

5.7.1 Filler valves used in the assembly of overfill prevention devices shall comply with the Standard for Safety for Valves for Anhydrous Ammonia and LP-Gas (Other than Safety Relief), UL 125.

(NEW)

7.2 Springs shall be constructed of stainless steel materials.

10.3 During this test, the sample is to be connected to a source of aerostatic pressure. A positive shutoff valve and a suitable pressure measurement instrument are to be installed in the pressure supply piping. The pressure gauge is to be installed between the shutoff valve and the sample under test. While under the applied test pressure, the sample is to be submerged in water to detect leakage, ~~or~~ all joints and body casting surfaces are to be ~~brushed~~ leak tested with ~~a~~ soap and water, ~~or another~~ leak detection solution, or by using any other equally sensitive method.

19 Float Pull Test

19.1 The means of securement of a float to the lever on a float operated overfilling prevention device shall withstand a longitudinal pull-force of 50 pounds (22 kilograms) when tested as described in 19.2 ~~18.2~~.

26 General

26.1 Each overfilling prevention device shall be marked with the following:

a) The manufacturer's or private labeler's name or identifying symbol.

b) A distinctive catalog number or the equivalent.

c) The rated service pressure, when in excess of 250 psi (1.7 MPa).

d) The date or abbreviation or code not exceeding any three consecutive months. When date of manufacture is abbreviated, or is in a code affirmed by the manufacturer, the code shall not require reference to production records of the manufacturer to determine when the product was manufactured.

e) The cylinder size the device is designed for use on, including the nominal LP capacity or dip tube length, and the nominal diameter.

Exception: When the OPD is part of a complete valve assembly, markings a), c) and e) are permitted to be on the valve portion.

PROPOSED REQUIREMENTS FOR THE EIGHTH EDITION OF THE STANDARD FOR PRINTED-WIRING BOARDS, UL 796

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

1. DEFINITION OF PERFORMANCE LEVEL CATEGORIES (PLC)

PROPOSAL

2.14B PERFORMANCE LEVEL CATEGORIES (PLC) – ~~An arrangement of conductive material on a printed-wiring board.~~ An integer defining a range of test values for a given electrical or mechanical property test.

2. OVEN TEMPERATURES CORRESPONDING TO MOT

PROPOSAL

Table 16.1
Oven conditioning temperatures for the desired (or established) MOT

t_1, Desired (or established) MOT (°C)	**t_2, Oven temperature (°C) for 240-hour (10-day) oven conditioning**	**t_3, Oven temperature (°C) for 1344-hour (56-day) oven conditioning**
90	134	113
105	150	128
120	167	144
125	172	149
130	177	154
150	199	174
155	204	179
160	210	184
NOTE – The temperatures represented by t_2 and t_3 are calculated based on the formulas in Clauses 16.3.1 and 16.3.2 respectively, with the conditioning values rounded up to the next whole integer.		

PROPOSED REQUIREMENTS FOR THE THIRD EDITION OF THE STANDARD FOR TESTS FOR FIRE RESISTANCE OF BUILDING JOINT SYSTEMS, UL 2079

For your convenience in review, proposed new requirements are identified by (NEW). In the case of extensively revised paragraphs, the original text is identified by (CURRENT) and is ~~lined-out~~, followed by the proposed text identified by (PROPOSED).

1. COMMENTS RECEIVED TO THE THIRD EDITION OF UL 2079

PROPOSAL

(NEW)

10.2 The furnace lining shall consist of materials with densities less than 62 lb/ft^3 (1000 kg/m^3). The lining materials shall have a minimum thickness of 2 inches (50 mm) and shall constitute at least 70% of the internally exposed surface of the furnace

2. MISCELLANEOUS EDITORIAL PROPOSED REVISION

PROPOSAL

(CURRENT)

2.1.1 ~~If a value for measurement is followed by a value in other units in parentheses, the first stated value is the requirement.~~

(PROPOSED)

2.1.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.