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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

Comment Deadline: December 12, 2004

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 109-200x, Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service and Marine Use (Bulletin Dated 10/28/04) (revision of ANSI/UL 109-2000)

The requirements cover fittings to be used in tubing carrying designated flammable or combustible fluids and refrigerants. The requirements for "Marine Use" cover fittings to be used with tubing carrying designated flammable or combustible fluids in the fuel systems of boats. "Flammable and combustible fluids" means gases and liquids that are usually considered to be flammable or combustible, such as acetylene, fuel oil, gasoline, kerosene, liquefied petroleum gas (LP-gas), and manufactured and natural fuel gases.

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

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

BSR/UL 1419-200x, Standard for Safety for Professional Video and Audio Equipment (revision of ANSI/UL 1419-2002)

Provides revision of requirements for the identification of grounded conductors.

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

Send comments (with copy to BSR) to: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

Comment Deadline: December 27, 2004

AISC (American Institute of Steel Construction)

New Standards

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

This Specification 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; 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

AISC (ASC AISC) (American Institute of Steel Construction)

Revisions

BSR/AISC 341-200x, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2002)

These provisions are for the design and construction of structural steel members and connections in the Seismic Load Resisting Systems in buildings and other structures. The design forces in these structures shall result from earthquake motions determined on the basis of various levels of energy dissipation in the inelastic range of response.

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

AMCA (Air Movement and Control Association)

New Standards

BSR/AMCA 500-D-200x, Laboratory Methods for Testing Dampers for Ratings (new standard)

Establishes uniform laboratory test methods for dampers including air leakage, pressure drop, dynamic closure, operational torque and elevated temperature testing.

Single copy price: \$5.00

Order from: Tim Orris, AMCA; torris@amca.org

Send comments (with copy to BSR) to: Same

ANS (American Nuclear Society)

Reaffirmations

BSR/ANS 8.10-1983 (R200x), Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement (reaffirmation of ANSI/ANS 8.10-1983 (R1999))

This standard is applicable to operations outside of nuclear reactors with 235U, 233U, 239Pu, and other fissile and fissionable materials in which shielding and confinement are provided for protection of personnel and the public, except the assembly of these materials under controlled conditions, such as in critical experiments. Criteria are provided that may be used for criticality control under these conditions.

Single copy price: \$30.00

Order from: Pat Schroeder, ANS; pschroeder@ans.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 D6696-200x, Guide for Understanding Cyanide Species (new standard)

Single copy price: \$27.00

BSR/ASTM D7109-200x, Test Method for Shear Stability of Polymer Containing Diesel Injector Apparatus at 30 and 90 Cycles (new standard)

Single copy price: \$32.00

★ BSR/ASTM D7110-200x, Test Method for Determining the Viscosity-Temperature Relationship of Used and Soot-Containing Engine Oils at Low Temperature (new standard)

Single copy price: \$38.00

BSR/ASTM D7111-200x, Standard Test Method for Determination of Trace Elements in Middle Distillate Fuels by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)1 (new standard)

Single copy price: \$43.00

BSR/ASTM Z1384Z-200x, Test Method for On-Line Colorimetric Measurement of Silica (new standard)

Single copy price: \$32.00

Revisions

BSR/ASTM D483-200x, Test Method for Unsulfonated Residue of Petroleum Plant Spray Oils (revision of ANSI/ASTM D483-2001)

Single copy price: \$32.00

BSR/ASTM D859-200x, Test Method for Silica in Water (revision of ANSI/ASTM D859-2000)

Single copy price: \$32.00

- BSR/ASTM D976-200x, Test Method for Calculated Cetane Index of Distillate Fuels (revision of ANSI/ASTM D976-2004)
Single copy price: \$32.00
- BSR/ASTM D1093-200x, Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues (revision of ANSI/ASTM D1093-1998)
Single copy price: \$27.00
- BSR/ASTM D1129-200x, Terminology Relating to Water (revision of ANSI/ASTM D1129-2004a)
Single copy price: \$32.00
- BSR/ASTM D1246-200x, Test Method for Bromide Ion in Water (revision of ANSI/ASTM D1246-1999)
Single copy price: \$27.00
- BSR/ASTM D1292-200x, Test Method for Odor in Water (revision of ANSI/ASTM D1292-1999)
Single copy price: \$32.00
- BSR/ASTM D1796-200x, Test Method for Water and Sediment in Fuel Oils by the Centrifuge Method Laboratory Procedure (revision of ANSI/ASTM D1796-1997 (R2002))
Single copy price: \$32.00
- BSR/ASTM D1890-200x, Test Method for Beta Particle Radioactivity of Water (revision of ANSI/ASTM D1890-1996)
Single copy price: \$32.00
- BSR/ASTM D2161-200x, Practice for Conversion of Kinematic Viscosity to Saybolt Universal Viscosity or to Saybolt Furol Viscosity (revision of ANSI/ASTM D2161-87 (R1999))
Single copy price: \$27.00
- BSR/ASTM D2688-200x, Test Methods for Corrosivity of Water in the Absence of Heat Transfer Weight Loss Methods (revision of ANSI/ASTM D2688-1999)
Single copy price: \$27.00
- BSR/ASTM D2699-200x, Test Method for Research Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2699-2004)
Single copy price: \$27.00
- BSR/ASTM D2700-200x, Test Method for Motor Octane Number of Spark-Ignition Engine Fuel (revision of ANSI/ASTM D2700-2004)
Single copy price: \$32.00
- BSR/ASTM D3084-200x, Practice for Alpha-Particle Spectrometry of Water (revision of ANSI/ASTM D3084-1996)
Single copy price: \$38.00
- BSR/ASTM D3454-200x, Test Method for Radium-226 in Water (revision of ANSI/ASTM D3454-1997)
Single copy price: \$32.00
- BSR/ASTM D3739-200x, Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis (revision of ANSI/ASTM D3739-1998 (R2003))
Single copy price: \$32.00
- BSR/ASTM D4129-200x, Test Method for Total and Organic Carbon in Water by High Temperature Oxidation and by Coulometric Detection (revision of ANSI/ASTM D4129-2001 (R2004))
Single copy price: \$27.00
- BSR/ASTM D4196-200x, Test Method for Confirming the Sterility of Membrane Filters (revision of ANSI/ASTM D4196-2001)
Single copy price: \$27.00
- BSR/ASTM D4582-200x, Practice for Calculation and Adjustment of the Stiff and Davis Stability Index for Reverse Osmosis (revision of ANSI/ASTM D4582-2001)
Single copy price: \$27.00
- BSR/ASTM D4737-200x, Test Method for Calculated Cetane Index by Four Variable Equation (revision of ANSI/ASTM D4737-2003)
Single copy price: \$27.00
- BSR/ASTM D4778-200x, Test Method for Determination of Corrosion and Fouling Tendency of Cooling Water Under Heat Transfer Conditions (revision of ANSI/ASTM D4778-2001)
Single copy price: \$32.00
- BSR/ASTM D5544-200x, Test Method for On-Line Measurement of Residue after Evaporation of High-Purity Water (revision of ANSI/ASTM D5544-2001 (R2004))
Single copy price: \$27.00
- BSR/ASTM D5760-200x, Specification for Performance of Manual Transmission Gear Lubricants (revision of ANSI/ASTM D5760-1995E1)
Single copy price: \$32.00
- BSR/ASTM D5842-200x, Practice for Sampling and Handling of Fuels for Volatility Measurement (revision of ANSI/ASTM D5842-1995 (R2000))
Single copy price: \$27.00
- BSR/ASTM D6161-200x, Terminology Used for Crossflow Microfiltration, Ultrafiltration, Nanofiltration and Reverse Osmosis Membrane Processes (revision of ANSI/ASTM D6161-2001)
Single copy price: \$27.00
- BSR/ASTM D6439-200x, Guide for Cleaning, Flushing, and Purification of Steam, Gas, and Hydroelectric Turbine Lubrication Systems (revision of ANSI/ASTM D6439-1999)
Single copy price: \$38.00
- BSR/ASTM D6448-200x, Specification for Industrial Burner Fuels from Used Lubricating Oils (revision of ANSI/ASTM D6448-1999)
Single copy price: \$27.00
- BSR/ASTM D6908-200x, Practice for Integrity Testing of Water Filtration Membrane Systems (revision of ANSI/ASTM D6908-2003)
Single copy price: \$32.00
- BSR/ASTM D7043-200x, Test Method for Indicating Wear Characteristics of Petroleum and Non-Petroleum Hydraulic Fluids in a Constant Volume Vane Pump (revision of ANSI/ASTM D7043-2004)
Single copy price: \$38.00
- BSR/ASTM D7061-200x, Test Method for Measuring n-Heptane Induced Phase Separation of Asphaltene-Containing Heavy Fuel Oils as Separability Number by an Optical Scanning Device (revision of ANSI/ASTM D7061-2004)
Single copy price: \$27.00
- BSR/ASTM E84-200x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2004)
Single copy price: \$27.00
- BSR/ASTM E329-200x, Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction (revision of ANSI/ASTM E329-2003)
Single copy price: \$32.00
- BSR/ASTM E535-200x, Practice for Preparation of Fire-Test-Response Standards (revision of ANSI/ASTM E535-2000)
Single copy price: \$27.00
- BSR/ASTM E648-200x, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2003)
Single copy price: \$27.00
- BSR/ASTM E906-200x, Test Method for Heat and Visible Smoke Release Rates for Materials and Products (revision of ANSI/ASTM E906-1999)
Single copy price: \$27.00

BSR/ASTM E1895-200x, Guide for Determining Uses and Limitations of Deterministic Fire Models (revision of ANSI/ASTM E1895-2004)

Single copy price: \$27.00

Reaffirmations

BSR/ASTM D1125-1999 (R200x), Test Methods for Electrical Conductivity and Resistivity of Water (reaffirmation of ANSI/ASTM D1125-1999)

Single copy price: \$32.00

BSR/ASTM D1293-1999 (R200x), Test Methods for pH of Water (reaffirmation of ANSI/ASTM D1293-1999)

Single copy price: \$27.00

BSR/ASTM D2186-1999 (R200x), Test Methods for Deposit-Forming Impurities in Steam (reaffirmation of ANSI/ASTM D2186-1999)

Single copy price: \$27.00

BSR/ASTM D2982-1998 (R200x), Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils (reaffirmation of ANSI/ASTM D2982-1998)

Single copy price: \$43.00

BSR/ASTM D3483-1999 (R200x), Test Methods for Accumulated Deposition in a Steam Generator Tube (reaffirmation of ANSI/ASTM D3483-1999)

Single copy price: \$32.00

BSR/ASTM D4519-2001 (R200x), Test Method for On-Line Determination of Anions and Carbon Dioxide in High Purity Water by Cation Exchange and Degassed Cation Conductivity (reaffirmation of ANSI/ASTM D4519-2001)

Single copy price: \$27.00

BSR/ASTM D5128-2001 (R200x), Test Method for On-Line pH Measurement of Water of Low Conductivity (reaffirmation of ANSI/ASTM D5128-2001)

Single copy price: \$32.00

BSR/ASTM D5391-2001 (R200x), Test Method for Electrical Conductivity and Resistivity of a Flowing High Purity Water Sample (reaffirmation of ANSI/ASTM D5391-2001)

Single copy price: \$38.00

BSR/ASTM D5411-2001 (R200x), Practice for Calculation of Average Energy per Disintegration for a Mixture of Radionuclides in Reactor Coolant (reaffirmation of ANSI/ASTM D5411-2001)

Single copy price: \$27.00

BSR/ASTM D5543-2001 (R200x), Test Methods for Low-Level Dissolved Oxygen in Water (reaffirmation of ANSI/ASTM D5543-2001)

Single copy price: \$27.00

BSR/ASTM D6508-2001 (R200x), Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte (reaffirmation of ANSI/ASTM D6508-2001)

Single copy price: \$32.00

BSR/ASTM D6581-2001 (R200x), Test Method for Bromate, Bromide, Chlorate, and Chlorite in Drinking Water by Chemically Suppressed Ion Chromatography (reaffirmation of ANSI/ASTM D6581-2001)

Single copy price: \$32.00

BSR/ASTM E1187-1997 (R200x), Terminology Relating to Conformity Assessment (reaffirmation of ANSI/ASTM E1187-1997)

Single copy price: \$27.00

Withdrawals

ANSI/ASTM D3113-1998, Test Methods for Sodium Salts of EDTA in Water (withdrawal of ANSI/ASTM D3113-1998)

Single copy price: \$27.00

ANSI/ASTM D4657-2001, Test Method for Polynuclear Aromatic Hydrocarbons in Water (withdrawal of ANSI/ASTM D4657-2001)

Single copy price: \$32.00

ISA (ISA -The Instrumentation, Systems, and Automation Society)

New Standards

BSR/ISA 5.01.01-200x, Instrumentation Symbols and Identification (new standard)

Establish a uniform means of designating instruments and instrumentation systems used for industrial process measurement and control. To this end, a designation system is presented that includes symbols and an identification code.

Single copy price: \$92.00

Order from: Charles Robinson, ISA; crobinson@isa.org

Send comments (with copy to BSR) to: Same

BSR/ISA 95.00.03-200x, Enterprise-Control System Integration - Part 3: Activity Models of Manufacturing Operations Management (new standard)

This Part 3 standard defines activity models of manufacturing operations management that enable enterprise systems to control system integration. The activities defined in this standard are consistent with the data models definitions in ANSI/ISA-95.00.01-2000, Enterprise-Control System Integration - Part 1: Models and Terminology.

Single copy price: \$92.00

Order from: Charles Robinson, ISA; crobinson@isa.org

Send comments (with copy to BSR) to: Same

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

BSR C78.42-200x, Electric Lamps - High-Pressure Sodium Lamps (revision of ANSI C78.42-2001)

This standard sets forth the physical and electrical requirements for HPS lamps, to ensure performance and interchangeability.

Single copy price: \$213.00

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

mat_clark@nema.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

Revisions

BSR/NSF 2-200x (i5), Food Equipment (revision of ANSI/NSF 2-1996)

Issue 5: To update Section 5.39 Dishtables of ANSI/NSF 2-2002e. This proposal combines sections 5.39 Dishtables and 5.41 Auxiliary cleaning facilities and accessories into a single section.

Single copy price: \$35.00

Order from: www.nsf.org

Send comments (with copy to BSR) to: Steve Tackitt, c/o Lorna Badman, NSF; badman@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 201-200x, Standard for Safety for Garage Equipment (revision of ANSI/UL 201-1997)

This bulletin modifies proposed requirements from the July 21, 2004 bulletin for UL 201. The bulletin does not replace all parts of the previous bulletin, but contains revisions based on comments to it. This bulletin provides the latest revisions for review before adoption of this standard. Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Neil Dalmás, UL-NC;

Neil.S.Dalmás@us.ul.com

BSR/UL 248-12-200x, Standard for Safety for Low-Voltage Fuses - Part 12: Class R Fuses (revision of ANSI/UL 248-12-2004)

These UL 248 proposals include increased use of international symbology, clarifications, editorial revisions, establishment of minimum samples in the Operation Test for Fuses, the addition of Canadian requirements for Class K fuses with Class H dimensions, miniature fuse requirements, withdrawal of body temperature requirements and the addition of 600 V ratings to Class T fuses.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Patti Van Laeke, UL-NC;
Patricia.Vanlaeke@us.ul.com

BSR/UL 248-13-200x, Standard for Safety for Low-Voltage Fuses - Part 13: Semiconductor Fuses (revision of ANSI/UL 248-13-2004)

These UL 248 proposals include increased use of international symbology, clarifications, editorial revisions, establishment of minimum samples in the Operation Test for Fuses, the addition of Canadian requirements for Class K fuses with Class H dimensions, miniature fuse requirements, withdrawal of body temperature requirements and the addition of 600 V ratings to Class T fuses.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Patti Van Laeke, UL-NC;
Patricia.Vanlaeke@us.ul.com

BSR/UL 248-14-200x, Standard for Safety for Low-Voltage Fuses - Part 14: Supplemental Fuses (revision of ANSI/UL 248-14-2004)

These UL 248 proposals include increased use of international symbology, clarifications, editorial revisions, establishment of minimum samples in the Operation Test for Fuses, the addition of Canadian requirements for Class K fuses with Class H dimensions, miniature fuse requirements, withdrawal of body temperature requirements and the addition of 600 V ratings to Class T fuses.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Patti Van Laeke, UL-NC;
Patricia.Vanlaeke@us.ul.com

BSR/UL 248-15-200x, Standard for Safety for Low-Voltage Fuses - Part 15: Class T Fuses (revision of ANSI/UL 248-15-2004)

These UL 248 proposals include increased use of international symbology, clarifications, editorial revisions, establishment of minimum samples in the Operation Test for Fuses, the addition of Canadian requirements for Class K fuses with Class H dimensions, miniature fuse requirements, withdrawal of body temperature requirements and the addition of 600 V ratings to Class T fuses.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Patti Van Laeke, UL-NC;
Patricia.Vanlaeke@us.ul.com

- ★ BSR/UL 768-200x, Standard for Safety for Combination Locks (revision of ANSI/UL 768-1996)

These requirements cover combination locks intended for attachment on doors of safes, chests, vaults, and the like, to provide a means of locking the boltwork against unauthorized opening. These requirements are intended to test the ability of combination locks to resist unauthorized opening of the combination locks by sense of sight, touch, or hearing. Combination locks covered by these requirements may or may not have integral protection against entry by force.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Sue Contreras, UL-CA;
Sue.B.Contreras@us.ul.com

- ★ BSR/UL 858-200x, Standard for Safety for Household Electric Ranges (Proposals dated 11-12-04) (revision of ANSI/UL 858-2001a)

The following items are subject to comment:

- 1) Revision of the production-line dielectric voltage-withstand test to specify that a dc potential may be used as an alternative when conducting the test;
- 2) Alternate marking for appliances that employ field-wiring terminals; and
- 3) New requirements for the location of the nameplate label to be provided in the installation instructions.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Amy Walker, UL-IL;
Amy.K.Walker@us.ul.com

- ★ BSR/UL 987-200x, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-1996)

This bulletin modifies proposed requirements from the November 26, 2003 (and addendum dated December 12, 2003) and June 25, 2004 comment resolution bulletin for UL 987. The modified proposal included in this bulletin does not include all parts of the previous proposals, but rather only the portions that have been modified based on the most recent comments received. This bulletin provides these latest modifications for review.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Neil Dalmas, UL-NC;
Neil.S.Dalmas@us.ul.com

Comment Deadline: January 11, 2005

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-2-200x, Biological evaluation of medical devices - Part 2: Animal welfare requirements (identical national adoption and revision of ANSI/AAMI/ISO 10993-2-1993 (R2001))

This part of ISO 10993 is aimed at those who commission, design and perform tests or evaluate data from animal tests undertaken to assess the biocompatibility of materials intended for use in medical devices, or of the medical devices themselves. It specifies the minimum requirements to be satisfied to ensure and demonstrate that proper provision has been made for the welfare of animals used in animal tests to assess the biocompatibility of materials used in medical devices.

Single copy price: \$25.00

Order from: AAMI

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

AWS (American Welding Society)

Revisions

BSR/AWS D16.4M/D16.4-200x, Specification for the Qualification of Robotic Arc Welding Personnel (revision and redesignation of ANSI/AWS D16.4-1999)

This specification provides requirements for the qualification of robotic arc welding support personnel at three different levels - CRAW-L1, CRAW-O, and CRAW-T. The revisions in this edition align education and experience requirements more realistically with those in industry.

Single copy price: \$4.75

Order from: R. O'Neill, AWS; roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS;
adavis@aws.org; roneill@aws.org

Projects Withdrawn from Consideration

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

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

- ★ BSR Z21.24-200x, Connectors for Gas Appliances (same as CSA 6.1) (revision of ANSI Z21.24-1997)
- ★ BSR Z21.54a-200x, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (supplement to ANSI Z21.54-1996 (R2001))
- ★ BSR Z21.69b-200x, Connectors for Movable Gas Appliances (revision, redesignation and consolidation of ANSI Z21.69-1997, ANSI Z21.69a-2001 and ANSI Z21.69b-2001)
- ★ BSR Z21.75-200x, Connectors for Outdoor Gas Appliances and Manufactured Homes (revision of ANSI Z21.75-200x)

Correction

Incorrect Address and Phone Information

The Order and Comment listing for the American Society of Agricultural Engineers (ASAE) in the November 5, 2004 issue of Standards Action had the wrong address and phone number. The correct information is:

American Society of Agricultural Engineers
2950 Niles Road
Saint Joseph, MI 49085
(269) 429-0300

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:

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x215
Fax: (703) 276-0793
Web: www.aami.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

AMCA

Air Movement and Control
Association
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 394-0150
Fax: (847) 253-0088
Web: www.amca.org

ANS

American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8269
Fax: (708) 352-6464
Web: www.ans.org/main.html

ANSI

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

ASTM

ASTM
100 Barr Harbor Drive
West Conshohocken, PA
19428-2959
Phone: (610) 832-9743
Fax: (610) 832-9666
Web: www.astm.org

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (800) 443-9353 x451
Fax: (800) 443-5951
Web: www.aws.org

comm2000

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

ISA

ISA-The Instrumentation, Systems,
and Automation Society
67 Alexander Drive
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27709
Phone: (919) 990-9213
Fax: (919) 549-8288

NEMA (ASC C78)

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

NSF

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Ann Arbor, MI 48113-0140
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Web: www.nsf.org

Send comments to:

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
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Phone: (703) 525-4890 x215
Fax: (703) 276-0793
Web: www.aami.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

AMCA

Air Movement and Control
Association
30 West University Drive
Arlington Heights, IL 60004-1893
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Fax: (847) 253-0088
Web: www.amca.org

ANS

American Nuclear Society
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Fax: (708) 352-6464
Web: www.ans.org/main.html

ASTM

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UL-CA

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UL-IL

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Fax: (847) 313-2850

UL-NC

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27709
Phone: (919) 549-1400 x11768
Fax: (919) 547-6018

UL-NY

Underwriters Laboratories, Inc.
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Melville, NY 11747-3081
Phone: (631) 271-6200 ext 22735,
or 803-787-1398

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.

ANS (American Nuclear Society)

Revisions

ANSI/ANS 8.17-2004, Handling, Storage, and Transportation of LWR Fuel Outside Reactors, Criteria for (revision of ANSI/ANS 8.17-1984 (R1997)): 11/3/2004

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revisions

ANSI X9.100-160 Part 1-2004, Placement and Location of Magnetic Ink Printing (MICR) - Part 1 (revision and redesignation of ANSI X9.13-1999): 11/3/2004

ANSI X9.100-160 Part 2-2004, Placement and Location of Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (revision and redesignation of ANSI X9.13-1999): 11/3/2004

ASTM (ASTM International)

Reaffirmations

ANSI/ASTM D4166-1999 (R2004), Test Method for Measurement of Thickness of Nonmagnetic Materials by Means of a Digital Magnetic Intensity Instrument (reaffirmation of ANSI/ASTM D4166-1999): 10/1/2004

ANSI/ASTM E1480-1992 (R2004), Terminology of Facility Management (Building-Related) (reaffirmation of ANSI/ASTM E1480-1992 (R1998)): 10/1/2004

Revisions

ANSI/ASTM D5926-2004, Specification Poly(Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems (revision of ANSI/ASTM D5926-2001): 10/1/2004

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

- ★ ANSI T1.427.01-2004, ATM based Multi-pair Bonding (new standard): 11/3/2004

HL7 (Health Level Seven)

New Standards

ANSI/HL7 V3 RRNCR, R1-2004, HL7 Version 3 Standard: Notifiable Condition Report (new standard): 11/3/2004

IPC (IPC - Association Connecting Electronics Industries)

New Standards

ANSI/IPC 1066-2004, Marking, Symbols and Labels for Identification of Lead Free and Other Reportable Materials in Lead Free Assemblies, Components and Devices (new standard): 11/3/2004

NEMA (National Electrical Manufacturers Association)

New National Adoptions

ANSI/IEC 60529-2004, Degrees of protection provided by enclosures (IP Code) (identical national adoption): 11/3/2004

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 155-2004, Standard for Safety for Tests for Fire Resistance of Vault and File Room Doors (revision of ANSI/UL 155-1995): 10/29/2004

ANSI/UL 719-2004, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-1997): 10/28/2004

ANSI/UL 758-2004, Appliance Wiring Material (bulletin dated 4/30/04) (revision of ANSI/UL 758-2003): 11/1/2004

ANSI/UL 758-2004, Standard for Safety for Appliance Wiring Material (Bulletin dated July 22, 2004) (revision of ANSI/UL 758-2003): 11/1/2004

ANSI/UL 1037-2004, Antitheft Alarms and Devices (revision of ANSI/UL 1037-1994): 10/27/2004

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.

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME B5.57-200x, Method for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Machines (revision of ANSI/ASME B5.57-1998)

Stakeholders: Industry and consumers related to new technology and more comprehensive and robust methodologies.

Project Need: To provide improvements to the standard as related to new technology and more comprehensive and robust methodologies. This project will also correct for inconsistencies between the B5.54 standard and the B5.57 standard and will correct for known misconceptions, inconsistencies or errors.

Contains test methods for evaluating the performance of Numerically Controlled Turning Centers. The performance is evaluated by performing tests to measure the positioning accuracy and repeatability, contouring capability using circular test, thermal stability/distortion, and degradation of machine performance due to environmental conditions.

BSR/ASME B32.200-200x, Preferred Metric Sizes for Round, Square, and Rectangle Tubular Metal Products Other Than Pipe (revision and redesignation of ANSI B32.5-1977 (R1994))

Stakeholders: metals industry

Project Need: To orient preferred metric sizes for metal material products towards specific products, and harmonize with existing ISO standards.

Establishes a preferred series of metric thickness, a preferred series of metric widths, and a preferred series of metric lengths for round, square, and rectangular tubular metal products other than pipe. The thickness and widths shown in this Standard are also applicable to base metals which may be coated in later operations. This Standard also establishes a preferred series of metric sizes for round, square, rectangular and hexagonal metal products other than pipe.

ASTM (ASTM International)

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

Contact: *Faith Lanzetta*

Fax: (610) 832-9666

E-mail: flanzett@astm.org

BSR/ASTM D7112-200x, Test Method for Determining Stability and Compatibility of Heavy Fuel Oils and Crude Oils by Heavy Fuel Oil Stability Analyzer (Optical Detection) (new standard)

Stakeholders: Heavy fuel oils and crude oils

Project Need: Sub-committee 14 is supporting the development of several automated test methods to address these qualities. This proposed test method is designed for determining stability and compatibility parameters in both heavy fuel oils and in crude oils.

This test method describes an automated procedure for determining the stability and compatibility parameters of refinery residual steams, residual fuel oils and crude oils. Stability in this context is the ability to maintain asphaltenes in a peptized or dissolved state and not undergo flocculation or precipitation. Similarly, compatibility relates to the property of mixing two or more oils without precipitation or flocculation of asphaltenes.

BSR/ASTM F838-200x, Test Method for Determining Bacterial Retention of Membrane Filters Utilized for Liquid Filtration (new standard)

Stakeholders: Bacteria/bacterial control; Liquids; Membrane filters (MF)-water testing; Sterilization-water analysis

Project Need: This is a reinstatement of a standard that was previously under a committee that was disbanded in 2000. ASTM has received several requests from industry asking that this method be resurrected.

This test method determines the bacterial retention characteristics of membrane filters for liquid filtration using *Pseudomonas diminuta* as the challenge organism. This test may be employed to evaluate any membrane filter system used for liquid sterilization.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

Contact: *Helene Skloff*

E-mail: hskloff@astm.org

BSR/ASTM WK2041-200x, Practice for Assessing Low Levels of Heat Release of Building Products (new standard)

Stakeholders: Low combustibility, limited combustible, low levels of heat release

Project Need: To create fire-test-response test methods or practices that can be used to evaluate materials of low heat release.

The fire-test-response covers the modifications to test methods required in order to determine low levels of heat release of building materials under specified laboratory conditions.

BSR/ASTM WK6234-200x, 4 to 60-inch Corrugated HDPE Pipe and Fittings for Subsurface and Land Drainage Applications (new standard)

Stakeholders: profile wall, interior liner, PE, subdrainage,

Project Need: There is currently no ASTM standard for corrugated HDPE pipe with a smooth interior wall for these applications. This standard addresses applications for which government agencies currently do not have any ASTM specifications.

This specification will address the use of 4- to 60-inch pipe and fittings for underground gravity flow subsurface and land (agricultural) drainage applications. The proposed standard will provide manufacturing details and requirements for smooth interior corrugated HDPE pipe and will not be AASHTO M252 or M294 pipe.

BSR/ASTM WK6299-200x, Standard Terminology for Healthcare Informatics (new standard)

Stakeholders: Healthcare informatics vocabulary; healthcare

Project Need: It is needed to simplify and disambiguate terms relating to informatics employed in healthcare and the need in the healthcare informatics products and services marketplace to promote effective dialog about this subject for all parties.

This standard is intended to name and document the principal concepts, and their associated terms, that are utilized in the Healthcare Information Domain and all of its specialized subdomains. It is applicable to all areas of healthcare about which information is kept or utilized. It is intended to complement and utilize those concepts already identified by other national or international bodies. It will identify alternate accepted terms for the same concept or its elected term. Its terms intended to clarify and simplify usage in the dialog and documentation about concepts, processes and data used to schedule, conduct, and manage all phases of healthcare.

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 C503-200x, Wet-Barrel Fire Hydrants (revision of ANSI/AWWA C503-1997)

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

Project Need: To provide purchasers, manufacturers, and suppliers with the minimum requirements for wet-barrel fire hydrants, including materials, design, inspection, testing, marking and shipping requirements.

This standard pertains to the various types and classes of wet-barrel fire hydrants for use in water-supply service in areas where the climate is mild and freezing temperatures do not occur.

BSR/AWWA C703-200x, Cold-Water Meters - Fire-Service Type (revision of ANSI/AWWA C703-1996 (R2004))

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

Project Need: The purpose of this standard is to provide the minimum requirements for cold water meters - fire-service type.

This standard describes the various types and classes of cold-water fire-service-type meters in sizes 3 in (75 mm) through 10 in (250 mm) and the materials and workmanship used in their fabrication.

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

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

Contact: *Allen J. Callahan*

Fax: (216) 642-3463

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

BSR Z21.15b-200x, Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves (same as CSA 9.1b) (revision of ANSI Z21.15-1997 (R2003), ANSI Z21.15a-2001 (R2003))

Stakeholders: Consumer, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.15-CSA 9.1 standard details test and examination criteria for manually operated gas valves, not exceeding 4 inches (102 mm) pipe size, and pilot shut-off devices, except for hose end valves and appliance connector valves, intended to be used as part of a gas-fired appliance.

BSR Z21.24-200x, Connectors for Gas Appliances (same as CSA 6.1) (revision of ANSI Z21.24-2001, ANSI Z21.24a-2002, ANSI Z21.24b-2003)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.24-CSA 6.10 standard details test and examination criteria for gas appliance connectors limited to a maximum nominal length of 6 feet (1.83 m). Such connectors are suitable for connecting gas-fired appliances to fixed gas supply lines containing natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures at pressures not in excess of ½ psig (3.5 kPa). These connectors are intended for use with residential and commercial gas appliances that are not frequently moved after installation.

BSR Z21.41b-200x, Quick-Disconnect Devices for Use with Gas Fuel Appliances (same as CSA 6.9b) (revision of ANSI Z21.41-2003, Z21.41a (pending approval))

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.41-CSA 6.9 standard details test and examination criteria for hand-operated devices that provide means for connecting and disconnecting gas-fired appliances or gas appliance connectors to gas supplies and that are for use under indoor or outdoor applications. These devices are equipped with automatic means to shut off gas flow when disconnected.

BSR Z21.54a-200x, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (same as CSA 8.4a) (revision of ANSI Z21.54-2002)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.54-CSA 8.4 standard details test and examination criteria for gas hose connectors suitable for connecting portable outdoor gas-fired appliances to fixed gas supply lines containing natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures at pressures not in excess of 1/2 psi (3.45 kPa). These connectors are intended for use in unconcealed outdoor locations unlikely to be subject to excessive temperatures [above 200°F (93.5°C)].

BSR Z21.69b-200x, Connectors for Movable Gas Appliances (same as CSA 6.16b) (revision of ANSI Z21.69-2002, ANSI Z21.69a-2003, ANSI Z21.69b-2001)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.69-CSA 6.16 standard details test and examination criteria for gas appliance connectors consisting of flexible tubing for connecting gas supply piping to a gas appliance mounted on casters or otherwise subject to movement. These connectors are limited to a maximum length of 6 feet (1.83 m). These connectors are suitable for use with natural, manufactured or mixed gases, liquefied petroleum gases, or LP gas-air mixtures, at pressures not in excess of 1/2 psi (3.5 kPa).

BSR Z21.75-200x, Connectors for Outdoor Gas Appliances and Manufactured Homes (same as CSA 6.27) (revision of ANSI Z21.75-2001, ANSI Z21.75a-2002, ANSI Z21.75b-2003)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.75-CSA 6.27 standard details test and examination criteria for connectors suitable for non-rigid connection of outdoor gas appliances not frequently moved after installation, or manufactured (mobile) homes to gas supply lines containing natural, manufactured, mixed and liquefied petroleum (LP) gases and LP gas-air mixtures at pressures not in excess of 1/2 psi (3.5 kPa). These connectors shall have a nominal length of not less than 1 foot nor more than 6 feet.

BSR Z21.90b-200x, Gas Convenience Outlets and Optional Enclosures (same as CSA 6.24b) (revision of ANSI Z21.90-2001, ANSI Z21.90a-2003)

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Revise current standard for safety.

The Z21.90-CSA 6.24 standard details test and examination criteria for gas convenience outlets and optional enclosures, capable of operation at ambient temperatures between 32°F and 200°F (0°C and 93.3°C) if intended for indoor use only, or between -20°F and 200°F (-28.8°C and 93.3°C), if intended for indoor/outdoor use, and at pressures not in excess of 5 psig (34.5 kPa).

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, Ohio 44115-2851

Contact: Jennifer Boyle

E-mail: jboyle@taol.com

BSR/DASMA 303-200x, Performance Criteria for Accessible Communications Entry Systems (new standard)

Stakeholders: Producers involved with the production of products, materials or services / Users interested in the use of the product, materials, or services / General interest who are not associated with production, distribution, direct use, or regulation of products, materials or services

Project Need: To create new standard to identify performance criteria for accessible communications entry systems.

This standard defines general requirement and performance-based criteria for evaluating accessible communications entry systems. This standard is intended to cover accessible communications entry systems generally used for public pedestrian access to controlled entry buildings for intercom or assistance purposes. This standard is not intended to cover communications entry systems generally used for emergency access.

IPC (IPC - Association Connecting Electronics Industries)

Office: 2215 Sanders Road
Northbrook, IL 60062

Contact: Mary Tunk

Fax: (847) 509-9798

E-mail: MaryTunk@ipc.org

BSR/IPC A-610D-200x, Acceptability of Electronic Assembly (revision of ANSI/IPC A-610C-2000)

Stakeholders: Electronic Manufacturing Industry

Project Need: This revision will include new component types and lead free assembly.

This standard is a collection of visual quality acceptability requirements for electronic assemblies. It was prepared by the Product Assurance Committee of the IPC.

ISA (ISA-The Instrumentation, Systems, and Automation Society)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Charles Robinson

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 95.00.04-200x, Enterprise-Control System Integration - Part 4: Object Models and Attributes of Manufacturing Operations Management (new standard)

Stakeholders: Processing/manufacturing companies in all sectors of industry.

Project Need: This standard will serve as Part 4 of ISA's Enterprise-Control System Integration series of standards.

This standard defines business-to-object models and attributes of the object models that define some of the information exchanged between functions defined in draft ISA 95.00.03. The object models and attributes may be used in the design and implementation of interface standards and for interoperability in manufacturing operations management.

ISA (ISA-The Instrumentation, Systems, and Automation Society)

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Research Triangle Park, NC 27709

Contact: Eliana Beattie

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E-mail: ebeattie@isa.org

BSR/ISA 12.06.03-200x, Electrical apparatus for explosive gas atmospheres: Intrinsically safe systems (national adoption with modifications)

Stakeholders: Designers of intrinsically safe electrical systems who may be manufacturers, specialist consultants or members of the end-user's staff.

Project Need: To provide information and guidance on the construction and assessments of intrinsically safe systems, type of protection 'i', intended for use, as a whole or in part, in explosive atmospheres in Class I, Zone 0, 1 and 2 hazardous (classified) locations.

IEC 60079-25 - Ed. 1.0 (2003-08) This standard contains the specific requirements for construction and assessment of intrinsically safe electrical systems, type of protection "i", intended for use, as a whole or in part, in explosive atmospheres in Group II locations.

NSF (NSF International)

Office: P.O. Box 130140
Ann Arbor, MI 48113-0140

Contact: Jane Wilson

Fax: (734) 827-6831

E-mail: wilson@nsf.org

BSR/NSF 306-200x, Banned Substances - Dietary Supplements and Functional Foods and Beverages (new standard)

Stakeholders: Dietary supplement and functional food and beverage manufacturers and suppliers, amateur and professional athletes and athletic organizations, consumers

Project Need: Currently there is no national standard for the evaluation of dietary supplements and functional foods and beverages regarding their potential to contain substances banned for use by amateur and professional athletes.

Defines the banned substances (e.g., steroids, stimulants, hormones, etc.) for which dietary supplements and functional foods and beverages are to be tested to ensure they are safe for consumption by amateur and professional athletes. These banned substances are defined by organizations such as the World Anti-Doping Agency (WADA) and amateur and professional athletic associations. The standard will also require that the dietary supplement products meet the content, manufacturing, and labeling specifications contained in ANSI/NSF 173 Dietary supplements. Functional foods and beverages will be required to meet established criteria for the evaluation of functional foods and beverages.

TIA (Telecommunications Industry Association)

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Suite 300
Arlington, VA 22201-3834

Contact: Susanne White

Fax: (703) 907-7727

E-mail: swhite@tiaonline.org

BSR/TIA 222-G-200x, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures (revision of ANSI/TIA 222-F-1996 (R2003))

Stakeholders: Telecomm. Industry

Project Need: To provide minimum criteria for specifying and designing steel antenna towers and antenna supporting structures.

The standard describes the requirements for steel antenna towers and antenna supporting structures.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive, PO Box 13995
Research Triangle Park, NC 27709-3995

Contact: Dixie Stevens

Fax: (919) 547-6182

E-mail: Dixie.W.Stevens@us.ul.com

BSR/UL 2388-200x, Standard for Safety for Flexible Lighting Products (new standard)

Stakeholders: Manufacturers and users of Flexible Lighting Products

Project Need: To attain a national based standard covering flexible lighting products.

UL 2388 covers:

- portable flexible lighting products with a maximum input voltage rating of 120 volts to be used in accordance with the NEC. These products are provided with a power supply cord and are intended for outline and decorative lighting use.
- lighting products incorporating non-replaceable series and series/parallel connected lamps enclosed within a flexible polymeric tube or extrusion.
- flexible lighting products used in light sculptures.

UL (Underwriters Laboratories, Inc.)

Office: 1655 Scott Boulevard
Santa Clara, CA 95050

Contact: Linda Phinney

Fax: (408) 556-6153

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

BSR/UL 331-200x, Strainers for Flammable Fluids and Anhydrous Ammonia (new standard)

Stakeholders: manufacturers

Project Need: New ANSI approval.

The requirements cover complete, self-contained strainer or filter assemblies intended for use with designated flammable fluids and anhydrous ammonia (fertilizer grade) in residential and commercial fuel-burning, dispensing, and handling facilities. Although these devices are designated strainers, they may be either strainers or filters according to the common terminology of the industry.

American National Standards Maintained Under Continuous Maintenance

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

Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer.

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

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

- AAMVA
- AGRSS
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at <http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/>.

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

ISO and IEC Draft International Standards



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

Comments

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

Ordering Instructions

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 10651-5, Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 5: Gas-powered emergency resuscitators - 2/10/2005, \$119.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 12500-1, Filters for compressed air - Methods of test - Part 1: Oil aerosols - 2/3/2005, \$43.00

ISO/DIS 12500-2, Filters for compressed air - Methods of test - Part 2: Oil vapours - 2/3/2005, \$43.00

FINE CERAMICS (TC 206)

ISO/DIS 22215, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for tensile creep of monolithic ceramics - 2/3/2005, \$43.00

FREIGHT CONTAINERS (TC 104)

ISO 1496-1/DAMd4, Series 1 freight containers - Specification and testing - Part 1: General cargo containers for general purposes - Amendment 4 - 2/10/2005, \$38.00

INDUSTRIAL FANS (TC 117)

ISO/DIS 13348, Industrial fans - Tolerances, methods of conversion and technical data presentation - 2/10/2005, \$119.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11554, Optics and optical instruments - Lasers and laser-related equipment - Test methods for laser beam power, energy and temporal characteristics - 2/3/2005, \$67.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 1017, Brown coals and lignites - Determination of acetone-soluble material (resinous substances) in the toluene-soluble extract - 2/3/2005, \$32.00

ISO/DIS 5068-1, Brown coals and lignites - Determination of moisture content - Indirect gravimetric method - Part 1: Total moisture - 2/10/2005, \$43.00

ISO/DIS 5068-2, Brown coals and lignites - Determination of moisture content - Indirect gravimetric method - Part 2: Moisture of analysis sample - 2/10/2005, \$38.00

ISO/DIS 15585, Hard coal - Determination of caking index - 2/10/2005, \$53.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 7176-25, Wheelchairs - Part 25: Requirements and test methods for batteries and their chargers for electrically powered wheelchairs and motorized scooters - 2/10/2005, \$78.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 21214, Intelligent Transport Systems - Communications, Air Interface, Long and Medium Range (CALM) - Infra Red Systems - 2/10/2005, \$156.00

WATER QUALITY (TC 147)

ISO/DIS 22032, Water quality - Determination of selected polybrominated diphenyl ethers in sediment and sewage sludge - Method using extraction and gas chromatography/mass spectrometry - 2/10/2005, \$83.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 7963, Welds in steel - Calibration block No. 2 for ultrasonic examination of welds - 2/3/2005, \$43.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 18051, Information technology - Telecommunications and information exchange between systems - Services for Computer Supported Telecommunications Applications (CSTA) Phase III - 2/4/2005, \$290.00

ISO/IEC DIS 18056, Information technology - Telecommunications and information exchange between systems - XML Protocol for Computer Supported Telecommunications Applications (CSTA) Phase III - 2/4/2005, \$270.00

ISO/IEC DIS 23025, Common Industry Format for Usability Test Reports - 2/7/2005, \$88.00

ISO/IEC DIS 23026, Software Engineering - Recommended Practice for the Internet - Web Site Engineering, Web Site Management, and Web Site Life Cycle - 2/7/2005, \$137.00

ISO/IEC DIS 23360, Linux Standard Base Core Specification 2.0.1 - 3/11/2005, \$337.00

IEC Standards

22H/66/FDIS, IEC 62310-1: Static Transfer Systems (STS) - Part 1: General and safety requirements, 01/07/2005

40/1509/FDIS, IEC 60939-1: Passive filter units for electromagnetic interference suppression - Part 1: Generic specification, 01/07/2005

40/1510/FDIS, IEC 60939-2: Passive filter units for electromagnetic interference suppression - Part 2: Sectional specification: Passive filter units for which safety tests are appropriate - Test methods and general requirements, 01/07/2005

45A/547/FDIS, IEC 61226 Ed.2: Nuclear Power Plants - Instrumentation and Control Systems Important to Safety - Classification, 01/07/2005

55/922/FDIS, Amendment 2 to IEC 60317-0-2, Ed. 2: Specifications for particular types of winding wires - Part 0-2: General requirements - Enamelled rectangular copper wire, 01/07/2005

77/294/FDIS, IEC 61000-6-1 Ed.2: Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments, 01/07/2005

77/295/FDIS, IEC 61000-6-2 Ed.2: Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments, 01/07/2005

94/214/FDIS, IEC 61810-2 Ed.1: Electromechanical elementary relays - Part 2: Reliability, 01/07/2005

100/847B/FDIS, Replacement of Figure 8 in document 100/847A/FDIS: IEC 60728-11: Cable networks for television signals, sound signals and interactive services - Part 11: Safety (TA 5), 11/26/2004

2/1315/FDIS, IEC 60034-3 Ed. 5: Rotating electrical machines - Part 3: Specific requirements for cylindrical rotor synchronous machines, 01/07/2005

48B/1504/FDIS, IEC 60603-7-4 Ed.1: Connectors for electronic equipment - Part 7-4: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz, 01/07/2005

51/797/FDIS, IEC 62025-2 Ed.1: High frequency inductive components - Non-electrical characteristics and measuring methods - Part 2: Test methods for non-electrical characteristics, 01/07/2005



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.

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

[ISO 7240-6:2004](#), Fire detection and alarm systems - Part 6: Carbon monoxide fire detectors using electro-chemical cells, \$102.00

FLUID POWER SYSTEMS (TC 131)

[ISO 6162-1/Cor1:2004](#), Hydraulic fluid power - Flange connectors with split or one-piece flange clamps and metric or inch screws - Part 1: Flange connectors for use at pressures of 3,5 MPa (35 bar) to 35 MPa (350 bar), DN 13 to DN 127 - Corrigendum, FREE

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

[ISO 15590-3:2004](#), Petroleum and natural gas industries - Induction bends, fittings and flanges for pipeline transportation systems - Part 3: Flanges, \$67.00

MECHANICAL TESTING OF METALS (TC 164)

[ISO 376:2004](#), Metallic materials - Calibration of force-proving instruments used for the verification of uniaxial testing machines, \$72.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

[ISO 12683:2004](#), Mechanically deposited coatings of zinc - Specification and test methods, \$58.00

PAINTS AND VARNISHES (TC 35)

[ISO 19840:2004](#), Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Measurement of, and acceptance criteria for, the thickness of dry films on rough surfaces, \$63.00

ROAD VEHICLES (TC 22)

[ISO 14469-1:2004](#), Road vehicles - Compressed natural gas (CNG) refuelling connector - Part 1: 20 MPa (200 bar) connector, \$78.00

TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

[ISO 20725:2004](#), Textile machinery - Condensers for cotton spinning - Vocabulary and principles of construction, \$49.00

[ISO 20726:2004](#), Textile machinery - Hopper feeders for cotton spinning - Vocabulary and principles of construction, \$53.00

[ISO 20727:2004](#), Textile machinery - Mixing bale openers for cotton spinning - Vocabulary and principles of construction, \$49.00

TEXTILES (TC 38)

[ISO 1181:2004](#), Fibre ropes - Manila and sisal - 3-, 4- and 8-strand ropes, \$38.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

[ISO 13926-1:2004](#), Pen systems - Part 1: Glass cylinders for pen-injectors for medical use, \$38.00

ISO/IEC Guides

OTHER

[ISO/IEC Guide 2:2004](#), Standardization and related activities - General vocabulary, \$119.00

ISO/IEC JTC 1, Information Technology

OTHER

[ISO/IEC 17000:2004](#), Conformity assessment - Vocabulary and general principles, \$113.00

CEN/CENELEC Standards Activity



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.

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Discontinuation of Notice of prENs

ANSI will no longer be listing prENs from CEN in Standards Action due to minimal demand during the past few years. CEN publications are available for purchase through Global Engineering Documents, www.global.ihs.com, (800) 854-7179.

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Eugene Water & Electric Board

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

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

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

Information Concerning

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Society of Agricultural Engineers (ASAE)

The Executive Standards Council has approved the reaccreditation of the American Society of Agricultural Engineers (ASAE), using revised operating procedures for documenting consensus on proposed American National Standards, effective November 3, 2004. For additional information, please contact: Mr. Scott Cedarquist, Director of Standards & Technical Activities, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085; PHONE: (269) 428-6331; FAX: (269) 429-3852; E-mail: cedarq@asae.org.

Meeting Notices

ASC A10 - Construction and Demolitions

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

**PROPOSED REQUIREMENTS FOR THE SIXTH EDITION OF THE STANDARD FOR
TUBE FITTINGS FOR FLAMMABLE AND COMBUSTIBLE FLUIDS, REFRIGERATION
SERVICE AND MARINE USE, UL 109**

For your convenience in review, proposed additions to the previously proposed requirements are shown underlined and proposed deletions are shown lined-out. Proposed new requirements are identified by (NEW). In the case of extensively revised paragraphs, the original text is identified as (CURRENT) and is ~~lined-out~~, followed by the proposed text identified as (PROPOSED). A paragraph that is proposed to be deleted is identified by (DELETED) and is shown ~~lined-out~~.

5.8 ~~Marine-Use Fittings~~ shall be fabricated of a material having a melting point (solidus temperature) not less than 950°F (510°C). ~~at least equivalent to a brazed or soldered joint.~~

(CURRENT)

5.9 With reference to 5.8, a brazed or soldered joint, as described in the Standard for Pleasure and Commercial Motor Craft, NFPA 302, is defined as a connection using material having a melting point (solidus temperature) in excess of 1000°F (537°C).

(PROPOSED)

5.9 Brazing material if used, shall have a melting point (solidus temperature) in excess of 1000°F (573°C).

Exception: Marine use fittings if soldered, shall be soldered or brazed with a material having a melting point exceeding 840°F (450°C), in accordance with the Standard for Pleasure and Commercial Motorcraft, NFPA 302.

7.1 Tubing and piping shall not pull out of a tube fitting, nor shall the tube fitting rupture, when the maximum loads designated in Table 7.1 are applied axially to the fitting and its connections. The requirements of this test are not applicable to Marine-Use fittings.

(DELETED)

7.3 ~~The requirements of this test are not applicable to Marine-Use fittings.~~

Revision of Requirements for the Identification of Grounded Conductors, UL 1419

PROPOSAL

10.3.11 A field wiring terminal intended for the connection of a grounded neutral supply conductor shall be identified by means of a metallic coating that is substantially white in color and shall be easily distinguishable from the other terminals; or proper identification of the terminal for the connection of the grounded conductor shall be clearly shown in some other manner, such as on an attached wiring diagram. If wire leads are provided instead of terminals, the identified lead shall have a white or ~~natural~~ gray color and shall be easily distinguishable from the other leads.