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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: March 14, 2004

UL (Underwriters Laboratories, Inc.)

Revisions

- ★ BSR/UL 484-200x, Room Air Conditioners (revision of ANSI/UL 484-2002)

This bulletin proposes adding an exception to paragraph 11.2.1.2 of the standard that would exempt cord AFCIs constructed with arc fault protection in the plug from complying with the open neutral protection required in 31.3 of UL 1699, Standard for Safety for Arc-Fault Circuit Interrupters.

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

Send comments (with copy to BSR) to: Jeff Prusko, UL-IL;
Jeffrey.Prusko@us.ul.com

Comment Deadline: March 29, 2004

AMT (ASC B11) (Association for Manufacturing Technology)

Revisions

BSR B11.17-200x, Machine Tools - Horizontal Hydraulic Extrusion Presses - Safety Requirements for Construction, Care, and Use (revision of ANSI B11.17-1996)

This standard specifies the safety requirements for the design, construction, set-up, operation and maintenance (including installation, dismantling and transport) of integrated manufacturing systems.

Single copy price: Free

Order from: Rachel Melnykovich, AMT (ASC B11);
rmelnykovich@amtonline.org

Send comments (with copy to BSR) to: David Felinski, AMT (ASC B11);
dfelinski@mfgtech.org

ITI (INCITS)

New Standards

BSR INCITS 381-200x, Information technology - Finger Image Based Data Interchange Format (new standard)

This standard specifies a data record interchange format for storing, recording, and transmitting the information from one or more finger or palm image areas within a CBEFF data structure. This proposed standard could be used for the exchange and comparison of finger image data. It defines the content, format, and units of measurement for the exchange of finger image data that may be used in the verification or identification process of a subject.

Single copy price: \$18.00

Order from: Global Engineering Documents, <http://www.global.ihs.com/>
Send comments (with copy to BSR) to: Barbara Bennett,
bbennett@itic.org

BSR INCITS 385-200x, Information technology - Face Recognition Format for Data Interchange (new standard)

This biometric data interchange format specification accommodates:

- (1) Detailed human examination of facial images;
- (2) Human verification of identity by comparison of persons against facial images;
- (3) Computer automated identification (one-to-many searches); and
- (4) Computer automated verification (one-to-one searches).

This standard specifies the proposed record format. The cryptographic protection of the biometrical data structures defined in this document is out of scope.

Single copy price: \$18.00

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

BSR C78.43-200x, Electric Lamps - Single-Ended (SE) Metal-Halide Lamps (revision, redesignation and consolidation of ANSI C78.1372-1997, C78.1374-1997, C78.1375-1997, C78.1376-1997, C78.1377-1997, C78.1378-1997, C78.1379-1997, C78.1382-1997, C78.1384-1997, and C78.1650-2003)

This document is intended to consolidate/revise the C78.1300 series (C78.1372, 1374, 1375, 1376, 1377, 1378, 1379, 1382, and 1384) and C78.1650.

Single copy price: \$152.00

Order from: Randolph N. Roy, NEMA (ASC C78); ran_roy@nema.org
Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

- ★ BSR/UL 1863-200x, Communications-Circuit Accessories (bulletin dated 5/19/03) (new standard)

Addresses and resolves the comments received in response to UL's Subject 1863 proposal bulletin dated 5/19/03, proposing revisions to the 3rd Edition of UL 1863, and balloting the body of the standard for ANSI approval.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

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

Revisions

BSR/UL 62-200x, Standard for Safety for Flexible Cords and Cables (Bulletin dated January 30, 2004) (revision of ANSI/UL 62-1999)

These revisions are being issued to harmonize the Mexican, Canadian, and USA requirements for flexible cord and to add a supplement for US Government purchases of flexible cord.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Walter Hoffmann, UL-NY;
Walter.H.Hoffmann@us.ul.com

BSR/UL 834-200x, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (revision of ANSI/UL 834-1998)

These requirements cover electric heating, water supply, and power boilers rated at 600 volts or less intended for commercial or industrial applications utilizing hot water or steam.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Tori Burnett, UL-NC;
Victoria.Burnett@us.ul.com

Comment Deadline: April 13, 2004

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

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI ST40-200x, Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities, 2nd ed. (revision of ANSI/AAMI ST40-1992 (R1998))

Provides guidelines for dry heat sterilization in health care facilities. Covers functional and physical design criteria for work areas; staff qualifications, education, and other personnel considerations; sterilization processing procedures; installation, care and maintenance of table-top dry heat sterilizers; and quality control.

Single copy price: \$25.00 (\$20.00 for AAMI members) + shipping and handling

Order from: AAMI (attn: Customer Service)
Send comments (with copy to BSR) to: Joe Lewelling
(jlewell@aami.org), AAMI

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME MFC-3M-1-200x, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi - Part 1 - General (new standard)

This Standard specifies the geometry and method of use (installation and operating conditions) for pressure differential devices (including, but not limited to, orifice plates, flow nozzles, and venturi tubes) when installed in a closed conduit running full and used to determine the flow-rate of the fluid flowing in the conduit.

Single copy price: \$10.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Ryan Crane, ASME;
craner@asme.org

BSR/ASME MFC-3M-2-200x, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi - Part 2 - Orifice Plates (new standard)

This part of MFC-3M specifies the geometry and method of use (installation and operating conditions) of orifice plates when they are inserted in a conduit running full to determine the flow rate of the fluid flowing in the conduit.

Single copy price: \$20.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Ryan Crane, ASME;
craner@asme.org

BSR/ASME MFC-3M-3-200x, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi - Part 3 - Nozzles and Venturi Nozzles (new standard)

This part of MFC-3M-2004 specifies the geometry and method of use (installation and operating conditions) of nozzles and venturi nozzles when they are inserted in a conduit running full to determine the flow-rate of the fluid flowing in the conduit.

Single copy price: \$10.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Ryan Crane, ASME;
craner@asme.org

BSR/ASME MFC-3M-4-200x, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi - Part 4 - Venturi Meters (new standard)

This part of MFC-3M-2004 specifies the geometry and method of use (installation and operating conditions) of venturi tubes when they are inserted in a conduit running full to determine the flow rate of the fluid flowing in the conduit.

Single copy price: \$10.00

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Ryan Crane, ASME;
craner@asme.org

Reaffirmations

BSR/ASME B32.5-1977 (R200x), Preferred Metric Sizes for Tubular Metal Products Other Than Pipe (reaffirmation and redesignation of ANSI B32.5-1977 (R1994))

This Standard establishes preferred series of metric outside diameters, distances across flats, wall thicknesses and lengths for tubular metal products other than pipe. A companion standard, ANSI B32.6, establishes preferred metric equivalents for the most commonly used inch sizes.

Single copy price: Free

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME;
karianj@asme.org

BSR/ASME PTC 12.3-1997 (R200x), Deaerators (reaffirmation of ANSI/ASME PTC 12.3-1997)

Provides procedures for conducting tests and analyses to determine the performance of deaerating heaters and deaerators equipped with either shell-and-tube or direct-contact, vent-condensing sections.

Single copy price: Free

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME;
karianj@asme.org

BSR/ASME PTC 19.3-1974 (R200x), Temperature Measurement (reaffirmation of ANSI/ASME PTC 19.3-1974 (R1998))

Provides information on instrumentation and procedures for the measurement of temperature.

Single copy price: Free

Order from: Silvana Rodriguez, ASME; rodriguez@asme.org;
ANSIBox@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Jack Karian, ASME;
karianj@asme.org

LIA (ASC Z136) (Laser Institute of America)

Revisions

BSR Z136.3-200x, Safe Use of Lasers in Health Care Facilities (revision of ANSI Z136.3-1996)

This standard provides guidance for the safe use of lasers for diagnostic, cosmetic, preventive, and therapeutic applications in health care facilities.

Single copy price: \$30.00

Order from: Barbara Sams, LIA (ASC Z136); bsams@laserinstitute.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

ARI (Air-Conditioning and Refrigeration Institute)

BSR/ARI 520-200x, Positive Displacement Refrigerant Compressors, Compressor Units and Condensing Units (new standard)

BSR/ARI 810-200x, Automatic Commercial Ice-Makers (new standard)

BSR/ARI 820-200x, Ice Storage Bins (new standard)

BSR/ARI 840-200x, Unit Ventilators (new standard)

Call for Comment Contact Information

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

Order from:

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x206
Fax: (703) 276-0793
Web: www.aami.org

AMT (ASC B11)

Association for Manufacturing
Technology
7901 Westpark Drive
McLean, VA 22102-4206
Phone: (703) 827-5266
Web: www.mfgtech.org

ASME

American Society of Mechanical
Engineers
Three Park Avenue, M/S 20N1
New York, NY 10016
Phone: (212) 591-8460
Fax: (212) 591-8501
Web: www.asme.org

comm2000

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

Global Engineering Documents

Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179
Fax: (303) 379-2740

LIA (ASC Z136)

Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Phone: (407) 380-1553 x28
Fax: (407) 380-5588
Web: www.laserinstitute.org

NEMA (ASC C78)

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

Send comments to:

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x206
Fax: (703) 276-0793
Web: www.aami.org

AMT (ASC B11)

Association for Manufacturing
Technology
7901 Westpark Drive
McLean, VA 22102-4206
Phone: (703) 827-5211
Fax: (703) 893-1151
Web: www.mfgtech.org

ASME

American Society of Mechanical
Engineers
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7004
Fax: (212) 591-8501
Web: www.asme.org

ITI (INCITS)

INCITS Secretariat/ITI
1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

LIA (ASC Z136)

Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Phone: (407) 380-1553 x28
Fax: (407) 380-5588
Web: www.laserinstitute.org

NEMA (ASC C78)

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

UL-CA

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

UL-IL

Underwriters Laboratories, Inc.
333 Pflugsten Road
Northbrook, IL 60062
Phone: (847) 272-8800

UL-NC

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC
27709-3995
Phone: (919) 549-1426
Fax: (919) 316-5629

UL-NY

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200, Ext. 22564
Fax: (631) 439-6021

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.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revisions

ANSI X9.24 Part 1-2004, Retail Financial Services Symmetric Key Management - Part 1: Using Symmetric Techniques (revision of ANSI X9.24 Part 1-2002): 2/4/2004

Withdrawals

ANSI X9.71-2000, Keyed Hash Message Authentication Code (withdrawal of ANSI X9.71-2000): 2/5/2004

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B1.20.5-1991 (R2004), Gaging for Dryseal Pipe Threads (Inch) (reaffirmation of ANSI/ASME B1.20.5-1991 (R1998)): 2/3/2004

Revisions

ANSI/ASME NQA-1-2004, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2000): 2/3/2004

ASQ (American Society for Quality)

Revisions

ANSI/ASQ E4-2004, Quality Systems for Environmental Data and Technology Programs: Requirements with Guidance for Use (revision and redesignation of ANSI/ASQC E4-1994): 2/4/2004

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

New Standards

ANSI T1.337-2004, Requirements for Maximum Voltage, Current, and Power Levels in Network-Powered Transport System (new standard): 2/3/2004

AWS (American Welding Society)

New Standards

ANSI/AWS D16.1M/D16-2004, Specification for Robotic Arc Welding Safety (new standard): 2/3/2004

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

New Standards

- ★ ANSI N42.35-2004, Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security (new standard): 2/9/2004

IESNA (Illuminating Engineering Society of North America)

New Standards

ANSI/IESNA LM-73-2004, IESNA Approved Method for Photometric Testing of Entertainment Lighting Luminaires Using Incandescent Filament Lamp or High Intensity Discharge Lamps (new standard): 2/9/2004

NEMA (ASC C78) (National Electrical Manufacturers Association)

New National Adoptions

ANSI C78.60432.3-2004, Electric Lamps - Incandescent Lamps - Safety Specifications - Part 3: Tungsten-halogen lamps (identical national adoption): 2/3/2004

Revisions

ANSI C78.60432.2-2004, Electric Lamps - Incandescent Lamps - Safety Specifications - Part 2 (revision of ANSI C78.60432.2-2002): 2/3/2004

NFPA (National Fire Protection Association)

New Standards

ANSI/NFPA 551-2004, Guide for the Evaluation of Fire Risk Assessments (new standard): 2/5/2004

ANSI/NFPA 900-2004, Building Energy Code (new standard): 2/5/2004

Revisions

ANSI/NFPA 12A-2004, Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-1997): 2/5/2004

ANSI/NFPA 36-2004, Solvent Extraction Plants (revision of ANSI/NFPA 36-2001): 2/5/2004

ANSI/NFPA 53-2004, Recommended Practice on Materials, Equipment and Systems Used in Oxygen-Enriched Atmospheres (revision of ANSI/NFPA 53-1999): 2/5/2004

ANSI/NFPA 58-2004, Liquefied Petroleum Gas Code (revision of ANSI/NFPA 58-2001): 2/5/2004

ANSI/NFPA 59-2004, Utility LP-Gas Plant Code (revision of ANSI/NFPA 59-2001): 2/5/2004

ANSI/NFPA 70E-2004, Standard for Electrical Safety Requirements for Employee Workplaces (revision of ANSI/NFPA 70E-2000): 2/5/2004

ANSI/NFPA 82-2004, Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-1999): 2/5/2004

ANSI/NFPA 85-2004, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2001): 2/5/2004

ANSI/NFPA 101A-2004, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2001): 2/5/2004

ANSI/NFPA 140-2004, Motion Picture and Television Production Studio Soundstages and Approved Production Facilities (revision of ANSI/NFPA 140-1999): 2/5/2004

ANSI/NFPA 497-2004, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-1997): 2/5/2004

ANSI/NFPA 499-2004, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-1991 (R1997)): 2/5/2004

ANSI/NFPA 921-2004, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2001): 2/5/2004

- ★ ANSI/NFPA 1600-2004, Disaster Emergency Management and Business Continuity Programs (revision of ANSI/NFPA 1600-2000): 2/5/2004

ANSI/NFPA 1670-2004, Operations and Training for Technical Rescue Incidents (revision of ANSI/NFPA 1670-1999): 2/5/2004

ANSI/NFPA 1925-2004, Marine Fire Fighting Vessels (revision of ANSI/NFPA 1925-1998): 2/5/2004

ANSI/NFPA 1975-2004, Station/Work Uniforms for Fire and Emergency Services (revision of ANSI/NFPA 1975-1999): 2/5/2004

ANSI/NFPA 2001-2004, Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2000): 2/5/2004

Withdrawals

ANSI/NFPA 906-1998, Guide for Fire Incident Field Notes (withdrawal of ANSI/NFPA 906-1998): 2/5/2004

TIA (Telecommunications Industry Association)

New National Adoptions

ANSI/TIA 455-235-2004, FOTP235 - IEC 61280-2-8 - Fibre Optic Communication Subsystem Test Procedures - Digital Systems - Part 2-8: Determination of Low BER Using Q-Factor Measurements (identical national adoption): 2/3/2004

ANSI/TIA 455-236-2004, FOTP236 - IEC 61280-2-9 - Fibre Optic Communication Subsystem Test Procedures - Part 2-6: Digital Systems - Optical Signal-to-Noise Ratio Measurement for Dense Wavelength-Division Multiplexed Systems (identical national adoption): 2/3/2004

ANSI/TIA 1026-2004, IEC 61282-5 - Fibre Optic Communication System Design Guides - Part 5: Accommodation and Compensation of Dispersion (identical national adoption): 2/3/2004

ANSI/TIA TR-1028-2004, IEC 61282-7 - Optic Communication System Design Guides - Part 7: Statistical Calculation of Chromatic Dispersion (identical national adoption): 2/3/2004

ANSI/TIA TR-1029-2004, IEC 61282-3 - Fibre Optic Communication System Design Guides - Part 3: Calculation of Polarization Mode Dispersion (identical national adoption): 2/3/2004

New Standards

ANSI/TIA 604-17-2004, FOCIS17 - Fiber Optic Connector Intermateability Standard, Type MU (new standard): 2/3/2004

UAMA (ASC B74) (Unified Abrasive Manufacturers' Association)

Revisions

ANSI B74.20-2004, Specification for Diamond and CBN Powders in Sub-Sieve Sizes (revision of ANSI B74.20-1997): 2/3/2004

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60947-7-1-2004, Standard for Terminal Blocks for Copper Conductors (national adoption with modifications): 2/5/2004

ANSI/UL 60947-7-2-2004, Standard for Protective Conductor Terminal Blocks for Copper Conductors (national adoption with modifications): 2/5/2004

New Standards

ANSI/UL 771-2004, Night Depositories (new standard): 1/30/2004

ANSI/UL 793-2004, Standard for Safety for Automatically Operated Roof Vents for Smoke and Heat (new standard): 2/5/2004

ANSI/UL 2108-2004, Standard for Safety for Low Voltage Lighting Systems (Substantive Change Bulletin (new standard): 2/5/2004

ANSI/UL 2239-2004, Standard for Hardware for the Support of Conduit, Tubing and Cable (new standard): 2/2/2004

Revisions

ANSI/UL 33-2004, Heat-Responsive Links for Fire Protection Service (revision of ANSI/UL 33-2003): 2/2/2004

★ ANSI/UL 153-2004, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2002a): 1/29/2004

ANSI/UL 218A-2004, Standard for Battery Contactors for Use in Diesel Engines Driving Centrifugal Fire Pumps (revision of ANSI/UL 218A-1994): 2/9/2004

ANSI/UL 1059-2004, Terminal Blocks (revision of ANSI/UL 1059-2001): 2/5/2004

ANSI/UL 2167-2004, Standard for Safety for Water Mist Nozzles for Fire-Protection Service (revision of ANSI/UL 2167-2002): 2/2/2004

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 (January 2003 edition).

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

AIAA (American Institute of Aeronautics and Astronautics)

Office: 1801 Alexander Bell Drive, Suite 500
Reston, VA 20191-4344

Contact: Tammy Wisner

Fax: 703-264-7551

E-mail: tammywisner@aiaa.org

BSR/AIAA G-095-200x, Guide for Safety of Hydrogen and Hydrogen Systems (new standard)

Stakeholders: Aerospace community, NASA

Project Need: The AIAA Technical Guide will provide a National Standard for the use of Hydrogen in Aerospace Applications. It may also be adopted by NASA as the Agency standard for Hydrogen replacing the current NASA Hydrogen Standard. This document is covered by and consistent with ISO TR 15916 "Basic Considerations for the Safety of Hydrogen Systems", issued in October 2003.

This Guide presents information that designers, builders, and users of hydrogen systems can use to avoid or resolve hydrogen hazards. Guidelines are presented for system design, materials selection, operations, storage, and transportation. Pertinent research is summarized, and the data are presented in a quick reference form. Further information can be found in the extensive bibliography.

ASME (American Society of Mechanical Engineers)

Office: Three Park Avenue, M/S 20N1
New York, NY 10016

Contact: Silvana Rodriguez

Fax: (212) 591-8501

E-mail: rodriguez@asme.org; ANSIBox@asme.org;
JonesG@asme.org

BSR B32.100-200x, Preferred Metric Sizes for Flat, Round, Square, Rectangular, and Hexagonal Metal Products (revision, redesignation and consolidation of ANSI B32.4M-1980 (R1994), ANSI/ASME B32.3M-1984)

Stakeholders: Industrial designers, metals industry, US government

Project Need: To consolidate 2 similar standards

Establishes a preferred series of metric thickness, a preferred series of metric widths, and a preferred series of metric lengths for flat metal products of rectangular cross section. 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.

BSR/ASME B56.14-200x, Safety Standard for Vehicle Mounted Forklifts (new standard)

Stakeholders: The document provides guidance to users and manufacturers in the design and operation of vehicle-mounted forklifts.

Project Need: This is a needed standard on the requirements relating to the elements of design, operation and maintenance of vehicle-mounted forklifts.

Specifies general safety practices, maintenance and rebuild practices and design and construction requirements for vehicle-mounted forklifts.

American National Standards Maintained Under Continuous Maintenance

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

Continuous maintenance is defined as follows:

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

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

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

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

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

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



ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

NOTE: The listing for ISO/DIS 10005 below was mistakenly included as a Newly Published ISO standard in the last issue of Standards Action. The draft standard information in this issue is correct.

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 16634, Cereals, pulses, milled cereal products, oilseeds, oilseed residues and animal feeding stuffs - Determination of total nitrogen and crude protein contents by combustion according to the Dumas principle - 5/6/2004, \$78.00

FREIGHT CONTAINERS (TC 104)

ISO 3874/DAmD3, Double stack rail car operations - 5/6/2004, \$28.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19133, Geographic information - Location based services tracking and navigation - 5/7/2004, \$175.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO/DIS 10005, Quality management - Guidelines for quality plans - 4/29/2004, \$92.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 8033, Rubber and plastics hoses - Determination of adhesion between components - 5/6/2004, \$88.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO/DIS 9276-5, Representation of results of particle size analysis - Part 5: Methods of calculations relating to particle size analyses using logarithmic normal probability distribution - 5/7/2004, \$53.00

STEEL (TC 17)

ISO/DIS 17053, Steel and iron - Determination of oxygen content - Infrared method after fusion under inert gas - 5/6/2004, \$49.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 24236, Surface chemical analysis - Auger electron spectroscopy - Repeatability and constancy of intensity scale - 5/6/2004, \$58.00

ISO/DIS 24237, Surface chemical analysis - X-ray photoelectron spectroscopy - Repeatability and constancy of intensity scale - 5/6/2004, \$53.00



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 14673-2:2004](#), Milk and milk products - Determination of nitrate and nitrite contents - Part 2: Method using segmented flow analysis (Routine method), \$58.00

[ISO 14673-3:2004](#), Milk and milk products - Determination of nitrate and nitrite contents - Part 3: Method using cadmium reduction and flow injection analysis with in-line dialysis (Routine method), \$49.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 14950:2004](#), Space systems - Unmanned spacecraft operability, \$83.00

CHAINS AND CHAIN WHEELS FOR POWER TRANSMISSION AND CONVEYORS (TC 100)

[ISO 10823:2004](#), Guidelines for the selection of roller chain drives, \$78.00

FLUID POWER SYSTEMS (TC 131)

[ISO 15552:2004](#), Pneumatic fluid power - Cylinders with detachable mountings, 1 000 kPa (10 bar) series, bores from 32 mm to 320 mm - Basic, mounting and accessories dimensions, \$67.00

INFORMATION AND DOCUMENTATION (TC 46)

[ISO 15924:2004](#), Information and documentation - Codes for the representation of names of scripts, \$53.00

PUMPS (TC 115)

[ISO 21049:2004](#), Pumps - Shaft sealing systems for centrifugal and rotary pumps, \$183.00

ROAD VEHICLES (TC 22)

[ISO 12098:2004](#), Road vehicles - Connectors for the electrical connection of towing and towed vehicles - 15-pole connector for vehicles with 24 V nominal supply voltage, \$53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 500-1:2004](#), Agricultural tractors - Rear-mounted power take-off types 1, 2 and 3 - Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone, \$38.00

[ISO 500-3:2004](#), Agricultural tractors - Rear-mounted power take-off types 1, 2 and 3 - Part 3: Main PTO dimensions and spline dimensions, location of PTO, \$58.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 14825:2004](#), Intelligent transport systems - Geographic Data Files (GDF) - Overall data specification, \$270.00

WATER QUALITY (TC 147)

[ISO 6107-1:2004](#), Water quality - Vocabulary, \$88.00

[ISO 18749:2004](#), Water quality - Adsorption of substances on activated sludge - Batch test using specific analytical methods, \$49.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14496-16:2004](#), Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX), \$183.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by 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

ASC C8 - Insulated Wires and Cables

The Executive Standards Council has approved the reaccreditation of Accredited Standards Committee C8, Insulated Wires and Cables, using revised operating procedures for documenting consensus on proposed American National Standards, effective February 4, 2004. The National Electrical Manufacturers Association serves as the Secretariat of ASC C8. For additional information, please contact: Mr. Andrei Moldoveanu, Technical Director, NEMA, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209; PHONE: (703) 841-3290; FAX: (703) 841-3398; E-mail: and_moldoveanu@nema.org.

Association for Information and Image Management (AIIM International) and U.S. TAG to ISO/TC 171 - Document Management Applications

The Executive Standards Council has approved the reaccreditations of the Association for Information and Image Management (AIIM International) and of the U.S. Technical Advisory Group to ISO/TC 171, Document management applications (AIIM serves as the TAG Administrator) using revised operating procedures, effective February 4, 2004. For additional information, please contact: Ms. Betsy Fanning, Director, Standards and Content Management, AIIM International, 1100 Wayne Avenue, Suite 1100, Silver Spring, MD 20910; PHONE: (301) 755-2682; FAX: (301) 587-2711; E-mail: bfanning@aiim.org.

Call for Members

Underwriters Laboratories

Underwriters Laboratories has announced that it is seeking consumer and other members for its Standards Technical Panels (STPs) covering many types of household appliances. An STP is a group of interested parties who come together to review and update UL Standards for Safety. A complete list of STPs for which UL is seeking members can be found at http://ulstandardsinfonet.ul.com/stp/call_4_members.html.

Withdrawal of Accreditation and Transfer of Associated American National Standards

ASC C93 - Power Line Carrier Equipment and Coupling and Capacitor Voltage Transformers

At the request of the standards developer, the accreditation of ASC C93, Power Line Carrier Equipment and Coupling and Capacitor Voltage Transformers, has been withdrawn and the responsibility for maintaining all associated American National Standards transferred to the Institute of Electrical & Electronics Engineers (IEEE), effective January 20, 2004. For additional information, please contact: Ms. Rona Gertz, Manager, IEEE-SA Governance, 445 Hoes Lane, Piscataway, NJ 08855-1331; PHONE: (732) 562-3808; FAX: (732) 562-1571; E-mail: r.gertz@ieee.org.

International Organization for Standardization (ISO)

Call for New Secretary

Relinquishment of ISO Technical Committee Secretariat

ISO/TC 107 - Metallic and other inorganic coatings

Comment Deadline: March 12, 2004

ANSI has been advised by the American Electroplaters and Surface Finishers Society they no longer wish to serve as Secretary for this International (ISO) Technical Committee.

The work of this subcommittee is covered by the scope of ISO/TC 107 as follows:

Standardization of the characteristics of protective and decorative metallic coating applied by electrolysis, fusion, vacuum or chemical means, mechanical deposition, ion plating. Standardization of the characteristics of protective and decorative non-metallic coatings (excluding paints and other organic coatings) on metal surface applied by electrolysis, fusion, vacuum or chemical means. Standardization of testing and inspection methods for such coatings. Standardization of the preparation of the substrates prior to the deposition of metallic and inorganic coatings.

Any organization wishing to assume the role of US delegated Secretariat, please contact Henrietta Scully via email: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 before March 12, 2004.

**PROPOSALS TO THE SEVENTH EDITION OF THE STANDARD FOR ROOM AIR
CONDITIONERS, UL 484**

For your convenience in review, proposed additions to existing requirements are shown underlined.

1. AFCI OPEN NEUTRAL PROTECTION

11.2.1.2 Compliance with 11.2.1.1 shall be accomplished by the use of an integral protective device that de-energizes all current-carrying parts when arcing faults are detected within the power supply cord. The AFCI and LCDI shall comply with the Standard for Arc-Fault Circuit-Interruption, UL 1699.

Exception: A cord AFCI constructed with arc fault protection in the plug need not comply with the open neutral protection requirement specified in 31.3 of UL 1699.