ANSI STANDARDS ACTION

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Contents

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

⋆ Standard for consumer products

ISSN 0038-9633

Comment Deadline: June 26, 2005

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

Supplements

BSR/ASHRAE/IESNA 90.1i-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum adds language to Section 9.1.4 (b) that allows additional flexibility in assigning wattage to luminaires with multi-level ballasts where other luminaire components would restrict lamp size. In these cases, the manufacturer's labeling of maximum wattage based on these restrictions would be allowed as the maximum value for compliance calculation.

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

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1h-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum revises the exceptions to Sections 6.4.3.1.2 and 6.4.3.6 in Standard 90.1-2004. Table 2.1 of ASHRAE's Thermal Guideline for Data Processing Environments (pg, 10) provides environmental conditions for electronic equipment such as that found in data processing centers. This more recent publication found that electronic equipment can perform under more relaxed conditions than were previously believed. In light of this new information, it makes sense to remove these types of spaces from having specific exceptions on temperature and humidification dead bands.

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

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1j-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum to Section 9.4.1.3 allows additional flexibility in complying with the controls requirements by allowing additional combinations of commonly available control equipment. This flexibility allows designers and builders additional cost-effective options for compliance.

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

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1k-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

Metal building roofs often include blanket insulation draped over purlins in screw-down roof designs. U-factors for screw down roofs with R-10, R-11, and R-13 insulation were included in Table A2.3 of 90.1-2004. This proposed addendum adds U-factors for R-19 insulation to Table A2.3.

U-factors for R-19 Screw Down Roofs were included in California Title 24 (2005 Joint Appendices Table IV.7.

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

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1l-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum updates the reference of ANSI/ASHRAE Standard 140-2001, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs, to the latest (2004) version of Standard 140, which includes additional tests covering unitary cooling equipment models. These additional tests increase the coverage and potentially reduce errors occurring in building energy simulation programs used the Energy Cost Budget section.

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

Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 641-200x, Standard for Safety for Type L Low-Temperature Venting Systems (revision of ANSI/UL 641-1994)

This revision is to the UL 641 proposal dated February 11, 2005 and that was shown in the February 4, 2005 issue of ANSI's "Standards Action."

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

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

BSR/UL 907-200x, Standard for Safety for Fireplace Accessories (revision of ANSI/UL 907-1995)

This revision is to the UL 907 proposal dated February 11, 2005 and that was shown in the February 4, 2005 issue of ANSI's "Standards Action."

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

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

BSR/UL 1424-200x, Standard for Safety for Cables for Power-Limited Fire-Alarm Circuits (revision of ANSI/UL 1424-1997)

This is an addendum to the UL 1424 proposal dated April 22, 2005.

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

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

Comment Deadline: July 11, 2005

ASAE (American Society of Agricultural Engineers)

Revisions

BSR/ASAE EP403.4-200x, Design of Anaerobic Lagoons for Animal Waste Management (revision and redesignation of ANSI/ASAE EP403.3-JUL99 (RFEB04))

This Engineering Practice describes the minimum criteria for design and operation of anaerobic animal waste lagoons located in predominantly rural or agricultural areas.
Single copy price: $40.00

Obtain an electronic copy from: cmiller@asae.org

Order from: Carla Miller, ASAE; cmiller@asae.org
Send comments (with copy to BSR) to: Same

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

Supplements

BSR/ASHRAE/IESNA 90.1f-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum raises the minimum efficiency standard for 3-phase air-cooled central air conditioners and heat pumps less than 65,000 BTU/h in Tables 6.8.1A and 6.8.1B of Standard 90.1-2004 to 13 SEER/7.7 HPSF to be consistent with federal minimum standards for single-phase residential equipment. The proposal also removes the products class for small duct high velocity (SDHV) equipment to be consistent with the DOE final rule.
Single copy price: Free of charge from ASHRAE website

Order from: ASHRAE website (www.ashrae.org)
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1v-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

Proposed change to Section 6.2.3.8, Ventilation Controls for High-Occupancy Areas.
Single copy price: Free of charge from ASHRAE website

Order from: ASHRAE website (www.ashrae.org)
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

BSR/ASHRAE/IESNA 90.1g-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-1999)

This proposed addendum amends the minimum efficiency levels of air-cooled air conditioners and heat pumps greater or equal to 65,000 BTU/h contained in Tables 6.8.1A and 6.8.1B of Standard 90.1-2004.
Single copy price: Free of charge from ASHRAE website

Order from: ASHRAE website (www.ashrae.org)
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards, e-mail: public.review.comments@ashrae.org

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

BSR ATIS 1000111-200x, Signalling System Number 7 (SS7) - Message Transfer Part (MTP) (revision and redesignation of ANSI T1.111-2001)

The overall objective of the SS7 Message Transfer Part (MTP) is to provide an internationally standardized general purpose common channel signaling system that provides a reliable means of transfer of information in correct sequence and without loss or duplication.
Single copy price: $378.00

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

BSR ATIS 1000112-200x, Signalling System Number 7 (SS7) - Signalling Connection Control Part (SCCP) (revision and redesignation of ANSI T1.112-2001)

The Signalling Connection Control Part (SCCP) provides additional functiona to the Message Transfer Part (MTP) to provide both connectionless as well as connection-oriented network services to transfer circuit-related and non-circuit-related signalling information and other types of information between exchanges and specialized centers in telecommunication networks (e.g., for management and maintenance purposes) via a Signalling System No. 7 (SS7) network.
Single copy price: $378.00

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

BSR ATIS 1000113-200x, Signalling System No. 7 (SS7) - Integrated Services Digital Network (ISDN) User Part (revision and redesignation of ANSI T1.113-2000)

The Integrated Services Digital Network (ISDN) User Part (UP) defines the protocol which supports the signalling functions required to provide voice and non-voice services in an Integrated Services Digital Network.
Single copy price: $437.00

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

★ BSR ATIS 1000631-200x, Signalling System No. 7 (SS7) - High Probability of Completion (HPC) Network Capability (revision and redesignation of ANSI T1.631-1993 (R1999))

The High Probability of Completion (HPC) network capability would be applied during the call setup of NS/EP calls by providing for an identifier for those calls in the SS7 network protocol.

Single copy price: $58.00

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

INMM (ASC N14) (Institute of Nuclear Materials Management)

New Standards

BSR N14.33-200x, Storage and Transport of Damaged Spent Nuclear Fuel (new standard)

This standard defines terms related to dry storage and transport of damaged spent nuclear fuel. It establishes procedures for identifying, categorizing, and managing damaged fuel. The standard provides methods for identifying and classifying damaged spent nuclear fuel; preparation and handling requirements for damaged spent nuclear fuel for dry storage and transport; and requirements for record keeping and quality assurance.
Single copy price: Free

Obtain an electronic copy from: hawkmb@ornl.gov
Send comments (with copy to BSR) to: Mark Hawk, INMM (ASC N14); hawkmb@ornl.gov

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

New Standards

BSR IT8.7/4-200x, Graphic technology - Input data characterization for 4-color process printing - Expanded data set (new standard)

This standard defines a data set of ink value combinations that may be used to characterize four-color process printing. This data set is not optimized for any printing process or application area, but is robust enough for all general applications. The needs of publication, commercial, and package printing with offse lithography, gravure, flexography, and other printing processes have been considered.
Single copy price: $25.00

Obtain an electronic copy from: mabbott@npes.org
Order from: Mary Abbott, NPES (ASC CGATS); mabbott@npes.org
Send comments (with copy to BSR) to: Same

NSF (NSF International)

Revisions

BSR/NSF 40-200x (i16), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2004)

Issue 16: Language needs to be included to clarify that the 7-day, 30-day and stress-period requirements must be adhered to.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Mike Hoover c/o Jaclyn Bowen, NSF; bowen@nsf.org

BSR/NSF 40-200x (i13r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2004)

Issue 13 (r2): Section 9, Performance Testing and Evaluation currently requires a pH range of 6.0 to 9.0 and a maximum color of 15 units. The proposal is for the color requirement to only have to be reported.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Mike Hoover c/o Jaclyn Bowen, NSF; bowen@nsf.org

BSR/NSF 46-200x (i10), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2004)

Issue 10: To incorporate language to ensure the structural integrity of filters stands up to field conditions.
Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020
Order from: www.nsf.org
Send comments (with copy to BSR) to: Mike Hoover c/o Jaclyn Bowen, NSF; bowen@nsf.org

TIA (Telecommunications Industry Association)

New Standards

★ BSR/TIA 1057-200x, Telecommunications - IP Telephony Infrastructure - Link Layer Discovery Protocol for Media Endpoint Devices (new standard)

This Standard provides extensions to the IEEE 802.1AB base protocol to allow for these functions, and also provides behavioral requirements for devices implementing the extensions to enable correct multi-vendor interoperation.
Single copy price: Free

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

Supplements

BSR/TIA 568-B.1-6-200x, Commercial Building Telecommunication Cabling Standard - Part 1: General Requirements - Addendum 6: Additional Cabling Requirements for DC Power (supplement to ANSI/TIA 568-B.1-2001)

This standard applies to the insertion of dc power onto structured cabling for low voltage applications, such as, but not limited to, IEEE 802.3af DTE Power.
Single copy price: $35.00

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

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1696-200x, Standard for Safety for Nonmetallic Mechanical Protection Tubing (NMPT) (new standard)

This Standard applies to nonmetallic mechanical protection tubing (NMPT) and fittings in 10 to 53 (1/4 to 2) trade sizes for use as support and protection of insulated conductors in equipment intended for use in non-hazardous locations. This Standard does not include tubing used to supply power from the fixed wiring of structures to utilization equipment.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to: Paul Lloret, UL-CA; Paul.E.Lloret@us.ul.com

Comment Deadline: July 26, 2005

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME A112.3.1-200x, Performance Standard and Installation Procedures for Stainless Steel Drainage Systems for Sanitary, Storm, and Chemical Applications, Above and Below Ground (new standard)

Establishes material, dimensions, mechanical, and physical (including marking) requirements for socket-type, seam-welded, stainless steel pipe, fittings, joints, and drains for use in plumbing sanitary and storm, drain, waste and vent (DWV), vacuum, and chemical waste systems. It includes minimum standards for material, workmanship, dimensions, weld strength, pressure testing, chemical resistance, corrosion resistance, and marking for stainless steel DWV pipe, fittings, and drains which incorporates a push-fit joining method. Material suitability for specific chemical applications shall be determined by a qualified engineer or ascertained from the manufacturer.. This Standard shall serve as the basis for certification of such systems components.
Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.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:

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE 38-7-200x, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-Transponder Interface Bus (TIB)-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-7-2002)

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI/CEA 624-1995, Electronic Industries Association - Product Package Bar Code Label Standard for Non-Retail Applications

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:

ASAE
American Society of Agricultural Engineers
2950 Niles Road
St. Joseph, MI 49085-9659
Phone: (269) 429-0300

Fax: (269) 429-3852
Web: www.asae.org

ASHRAE
ASHRAE
1791 Tullie Cir NE
Atlanta, GA 30329
Phone: 404-636-8400
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8839
Fax: (202) 347-7125
Web: www.atis.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

INMM (ASC N14)
Institute of Nuclear Materials Management
109 Caldwell Drive
Oak Ridge, TN 37830
Phone: (865) 946-1275
Fax: (865) 576-6675
Web: www.inmm.org

NPES (ASC CGATS)
ASC CGATS
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org/standards/cgats.html

NSF
NSF International
789 N. Dixboro Rd
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Fax: (734) 827-6162
Web: www.nsf.org

Send comments to:

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Fax: (269) 429-3852
Web: www.asae.org

ASHRAE
ASHRAE
1791 Tullie Cir NE
Atlanta, GA 30329
Phone: 404-636-8400
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7021
Fax: (212) 591-8501
Web: www.asme.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8839
Fax: (202) 347-7125
Web: www.atis.org

INMM (ASC N14)
Institute of Nuclear Materials Management
109 Caldwell Drive
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Phone: (865) 946-1275
Fax: (865) 576-6675
Web: www.inmm.org

NPES (ASC CGATS)
ASC CGATS
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org/standards/cgats.html

NSF
NSF International
789 N. Dixboro Rd
Ann Arbor, MI 48105
Phone: (734) 769-5139
Fax: (734) 827-6162
Web: www.nsf.org

TIA
Telecommunications Industry Association
2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL-CA
Underwriters Laboratories, Inc.
1655 Scott Boulevard
Santa Clara, CA 95050
Phone: (408) 985-2400 x32410
Fax: (408) 556-6045

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

Initiation of Canvasses

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

ACC (American Chemistry Council)

Office: 1300 Wilson Blvd.
Arlington, VA 22209

Contact: *Susan Blanco*

Phone: (703) 741-5227

Fax: (703) 741-6227

E-mail: susan_blanco@americanchemistry.com

BSR Z129.1-200x, Hazardous Industrial Chemicals - Precautionary Labeling (revision of ANSI Z129.1-2000)

Final actions on American National Standards

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

AHAM (Association of Home Appliance Manufacturers)

New Standards

ANSI/AHAM DW-1-2005, Household Electric Dishwashers (new standard): 5/19/2005

ASA (ASC S2) (Acoustical Society of America)

Reaffirmations

ANSI S2.34-1984 (R2005), Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix (reaffirmation of ANSI S2.34-1984 (R2001)): 5/24/2005

ANSI S2.43-1984 (R2005), Criteria for Evaluating Flexible Rotor Balance (reaffirmation of ANSI S2.43-1984 (R2001)): 5/24/2005

ANSI S2.46-1989 (R2005), Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI S2.46-1989 (R2001)): 5/24/2005

★ ANSI S2.60-1987 (R2005), Balancing Machines - Enclosures and Other Safety Measures (reaffirmation of ANSI S2.60-1987 (R2001)): 5/24/2005

ANSI S2.61-1989 (R2005), Guide to Mechanical Mounting of Accelerometers (reaffirmation of ANSI S2.61-1989 (R2001)): 5/24/2005

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME A112.18.1-2005, Plumbing Fixture Fittings (revision of ANSI/ASME A112.18.1-2003): 5/24/2005

ASSE (ASC A10) (American Society of Safety Engineers)

Reaffirmations

ANSI A10.7-1998 (R2005), Commercial Explosives and Blasting Agents - Safety Requirements for Transportation, Storage, Handling and Use (reaffirmation of ANSI A10.7-1998): 5/19/2005

ANSI A10.15-1995 (R2005), Safety Requirements for Dredging (reaffirmation of ANSI A10.15-1995): 5/19/2005

ANSI A10.39-1996 (R2005), Safety and Health Audit Program for Construction and Demolition Operations (reaffirmation of ANSI A10.39-1996): 5/19/2005

AWWA (American Water Works Association)

Revisions

ANSI/AWWA B604-2005, Granular Activated Carbon (revision of ANSI/AWWA B604-1996): 5/19/2005

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

New Standards

ANSI INCITS 405-2005, Information technology - SCSI Block Commands - 2 (SBC-2) (new standard): 5/19/2005

ANSI INCITS 406-2005, Information technology - Automation/Drive Interface - Transport Protocol (ADT) (new standard): 5/19/2005

SSFI (Scaffolding, Shoring & Forming Institute)

New Standards

ANSI/SSFI SC 100-2005, Standards for Testing and Rating Scaffold Assemblies and Components (new standard): 5/24/2005

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 181-2005, Standard for Safety for Factory-Made Air Ducts and Air Connectors (new standard): 5/17/2005

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. The PINS process is a key element in planning and coordinating ANS. For additional information, see clause 2.4 of the *ANSI Essential Requirements: Due Process Requirements for American National Standards*.
Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in *Standards Action* entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database may not be exhaustive.
Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

AIAA (American Institute of Aeronautics and Astronautics)

Office: 1801 Alexander Bell Drive
Suite 500
Reston, VA 20191-4344
Contact: *Craig Day*
Fax: (703) 264-7551
E-mail: craigd@aiaa.org

BSR/AIAA S-102.1.4-200x, Performance-based Reliability and Maintainability Programs - Failure Reporting, Analysis, and Corrective Action System (FRACAS) (new standard)

Stakeholders: Military agencies, civilian agencies, regulatory agencies, system integration firms, system suppliers, product suppliers, consultants.

Project Need: The withdrawal of military standards for FRACAS has created a void. Newer thinking has prompted the introduction of a performance-based approach that is consistent with systems acquisition in both military and civilian procurement.

This Standard provides the basis for developing a system to resolve the problems and failures of individual products along with those of their procured elements. Keyword data element descriptions for automating the FRACAS process are provided.

BSR/AIAA S-102.1.5-200x, Performance-based Reliability and Maintainability Programs - Failure Review Board Requirements (new standard)

Stakeholders: Military agencies, civilian agencies, regulatory agencies, system integration firms, system suppliers, product suppliers, consultants.

Project Need: The withdrawal of military standards for FRB has created a void. Newer thinking has prompted the introduction of a performance-based approach that is consistent with systems acquisition in both military and civilian procurement.

This Standard provides the basis for developing a failure review board (FRB), a group consisting of representatives of appropriate project organizations with the level of responsibility and authority to assure that, for all significant failures, root causes are identified and corrective actions are effected in a timely manner.

BSR/AIAA S-102.2.2-200x, Performance-based Reliability and Maintainability Programs - System Reliability Modeling Requirements (new standard)

Stakeholders: Military agencies, civilian agencies, regulatory agencies, system integration firms, system suppliers, product suppliers, consultants.

Project Need: The lack of standard requirements for this process affects the timely development of high unit-value systems. New thinking has prompted the introduction of a performance-based approach consistent with systems acquisition in both military and civilian procurement.

This Standard provides the basis for developing mathematical or simulation models for use in making numerical apportionments and reliability predictions based on the characteristics and functional interdependence of all configured items.

BSR/AIAA S-102.2.4-200x, Performance-based Reliability and Maintainability Programs - Product Failure Mode, Effects, and Criticality Analysis (FMECA (new standard)

Stakeholders: Military agencies, civilian agencies, regulatory agencies, system integration firms, system suppliers, product suppliers, consultants.

Project Need: The withdrawal of military standards for FMECA has created a void. Newer thinking has prompted the introduction of a performance-based approach that is consistent with systems acquisition in both military and civilian procurement.

This Standard provides the basis for developing the analysis of failure modes, their effects, and criticality in the context of individual products along with the known performance of their elements. The requirements for planning and reporting needs, along with the analytical tools, are established. The keywords for automating the product FMECA process are provided.

BSR/AIAA S-102.2.18-200x, Performance-based Reliability and Maintainability Programs - Fault Tree Analysis Requirements (new standard)

Stakeholders: Military agencies, civilian agencies, regulatory agencies, system integration firms, system suppliers, product suppliers, consultants.

Project Need: The lack of standard requirements for this process affects the timely development of high unit-value systems. New thinking has prompted the introduction of a performance-based approach consistent with systems acquisition in both military and civilian procurement.

This Standard provides the basis for developing amethod for reviewing and analyzing a system or equipment so as to emphasize the lower-level fault occurrences that contribute to system-level faults or undesired events.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 1076.1-200x, Standard VHDL Analog and Mixed-Signal Extensions (revision of ANSI/IEEE 1076.1-1999)

Stakeholders: Engineers and organizations developing mixed analog and digital systems for applications including consumer devices, telecommunications, control systems and automotive systems.

Project Need: Complex electronic systems comprise a mixture of digital and analog elements. This project defines a modeling language that allows engineers to use design automation tools to analyze and verify operation of designs prior to manufacture, thus improving productivity and avoiding the cost of erroneous designs.

The revision will correct editorial errors and clarify aspects of the language definition in the original document, and will update the document to reflect changes in the VHDL 1076 specification.

BSR/IEEE 1076.4-2000/Cor 1-200x, Standard for VITAL ASIC (Application Specific Integrated Circuit) Modeling Specification - Corrigendum 1: Corrections to Code (revision of ANSI/IEEE 1076.4-2000)

Stakeholders: Electronics Design Automation (EDA) tool vendors, Digital IC and FPGA IP developers, Digital IC and FPGA developers and manufacturers, and Digital and embedded system developers, manufacturers and integrators.

Project Need: Some implementers of the standard have identified minor technical errors and have addressed them in their implementations. Without corrections to the standard, conforming implementations may exhibit differing behavior.

This corrigendum will correct minor technical errors identified in the last revision of the standard.

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BSR/IEEE 1073.2.2.0-200x, Health informatics - Point-of-care medical device communication - Application profile - Association control function (new standard)

Stakeholders: Medical Device Manufacturers, Health Information Communication Systems Providers and Health Information Systems Users (private, government, educational).

Project Need: To create a mechanism for dynamically negotiating the presentation level formats and application level services to be used with point-of-care medical-device communications.

This standard defines a profile for utilizing ISO Open Systems Interconnection (OSI) service for an Association Control Service Element (ACSE) in point-of-care medical device communication within the framework of the ISO/IEEE 11073 standards. This service provides for the establishment, release and aborting of an association between a medical device agent and another system acting as a manager.

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BSR/IEEE 841-200x, Standard for Petroleum and Chemical Industry-Premium Efficiency Severe Duty Totally Enclosed Fan-Cooled (TEFC) Squirrel Cage Induction Motors-Up to and Including 370 kW (500 hp) (revision of ANSI/IEEE 841-2001)

Stakeholders: Users in petroleum and chemical industry, and pulp and paper industry using this standard and motor manufacturers supplying products to these industries.

Project Need: The reason for the project is to update of the existing IEEE 841 standard in order to bring current with companion standards, codes and references and present technology.

This standard applies to premium efficiency totally enclosed fan-cooled (TEFC), horizontal and vertical, single-speed, squirrel-cage polyphase induction motors, up to and including 370 kW (500 hp) and 4000 volts nominal, in National Electrical Manufacturers Association (NEMA) frame sizes 143T and larger, for petroleum, chemical, and other severe duty applications (commonly referred to as premium efficiency severe duty motors). Excluded from the scope of this standard are motors with sleeve bearings and additional specific features required for explosion-proof motors.

BSR/IEEE 1673-200x, Requirements for Conduit & Cable Seals for Field Connected Wiring To Equipment in Petroleum And Chemical Industry exposed to pressures above 1.5 kilopascals (0.22 psi) (new standard)

Stakeholders: Installers and users of equipment in the petroleum and chemical industry.

Project Need: To prevent explosions resulting from process fluids from equipment subject to higher pressures that migrated through the conduits and interstices of cables into unclassified locations.

The scope of this project is to develop installation and evaluation requirements for conduit and cable seals used in the field-connected power, control and instrumentation wiring systems to equipment in the petroleum and chemical industry exposed to pressures above 1.5 kilopascals (0.22 psi) and at above or below ambient temperatures. This standard does not cover seals provided by manufacturers as part of the listed equipment.

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BSR/IEEE C37.94a-200x, Standard for N Times 64 Kilobit Per Second Optical Fiber Interfaces Between Teleprotection and Multiplexer Equipment - Amendment 1: Addition of Alternate Interface Using Single-mode Fiber (supplement to ANSI/IEEE C37.94-2002)

Stakeholders: Manufacturers of teleprotection and multiplexer

Project Need: To specify the requirements for the single-mode fiber interface so that there is compatibility between multiple vendors.

The scope of this project is to create an amendment for C37.94 to include an alternate interface using Single-mode fiber. The current C37.94 standard only specifies the use of multimode fiber as the optical fiber interface between teleprotection and multiplexer equipment.

BSR/IEEE C57.91-200x, Guide for Loading Liquid Immersed Transformers and Voltage Regulators (revision of ANSI/IEEE C57.91-2004)

Stakeholders: Users of mineral-oil-immersed distribution and power transformers and voltage regulators.

Project Need: This document is being updated to reflect current industry practices and present the latest state-of-the-art in transformer loading practices.

This guide provides recommendations for loading mineral-oil-immersed transformers and voltage regulators with insulation systems rated for a 65°C average winding temperature rise at rated load. This guide applies to transformers manufactured in accordance with IEEE C57.12.00 and tested in accordance with IEEE C57.12.90, and voltage regulators manufactured and tested in accordance with C57.15.

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BSR/IEEE 1775-200x, Powerline Communication Equipment - Electromagnetic Compatibility (EMC) Requirements - Testing and Measurement Methods (new standard)

Stakeholders: BPL equipment manufacturers, electric utilities and ISP providers.

Project Need: By providing test and measurement guidance as well as EMC criteria, this proposed EMC standard will serve as a bridge between national spectrum regulations, power utility practice and other interested party concerns.

The scope of this standard will be electromagnetic compatibility (EMC) criteria, and consensus test and measurements procedure for Broadband Power Line communication (also known as BPL) equipment and installations. The standard will reference existing national and international standards for BPL equipment and installations. It will not include the specific emission limits, which are subject to national regulations.

BSR/IEEE 1900.3-200x, Recommended Practice for Conformance Evaluation of Software Defined Radio (SDR) Software Modules (new standard)

Stakeholders: Wireless network operators and terminal equipment manufacturers.

Project Need: To assure that SDR software can be deployed with high confidence that it will operate within prescribed regulatory and operational limits.

This recommended practice will provide technical guidelines for analyzing Software Defined Radio (SDR) software modules to ensure compliance with regulatory and operational requirements.

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 ANSI.

Comments

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

Ordering Instructions

ISO and IEC Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 389-5, Acoustics - Reference zero for the calibration of audiometric equipment - Part 5: Reference equivalent threshold sound pressure levels for pure tones in the frequency range 8 kHz to 16 kHz - 8/20/2005, $45.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 13374-2, Condition monitoring and diagnostics of machines - Data processing, communication and presentation - Part 2: Data-processing - 8/21/2005, $39.00

ISO 10326-1/DAmd1, Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 1: Basic requirements - Amendment 1 - 8/20/2005, $45.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11254-3, Lasers and laser-related equipment - Determination of laser-induced damage threshold of optical surfaces - Part 3: Laser power (energy) handling capabilities - 8/20/2005, $39.00

ISO/DIS 12865, Ophthalmic instruments - Retinoscopes - 8/20/2005, $32.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 5350-1, Pulp - Estimation of dirt and shives - Part 1: Inspection of laboratory sheets by transmitted light - 8/20/2005, $53.00

ISO/DIS 5350-2, Pulp - Estimation of dirt and shives - Part 2: Inspection of mill sheeted pulp by transmitted light - 8/20/2005, $45.00

IEC Standards

25/298/FDIS, IEC 60027-2 Ed.3: Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics, 07/15/2005

47A/721/FDIS, IEC 62132-5, Ed 1: Integrated circuits - Measurement of electromagnetic immunity, 150 kHz to 1 GHz - Part 5: Workbench Faraday cage method, 07/15/2005

47A/722/FDIS, IEC 61967-2, Ed 1: Integrated circuits - Measurement of electromagnetic emissions, 150 kHz to 1 GHz - Part 2: Measurement of radiated emissions - TEM cell and wideband TEM cell method, 07/15/2005

48D/324/FDIS, IEC 62194 Ed.1: Method of Evaluating the Thermal Performance of Enclosures, 07/15/2005

88/228/FDIS, IEC 61400-1 Ed.3: Wind turbines - Part 1: Design requirements, 07/15/2005

96/224/FDIS, IEC 61558-1 Ed. 2.0 Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests, 07/15/2005

17B/1418/FDIS, Amendment 3 to IEC 60947-6-1, Ed. 1: Low-voltage switchgear and controlgear - Part 6-1: Multiple function equipment - Transfer switching equipment, 07/22/2005

17D/324/FDIS, Amendment 1 to IEC 60439-2, Ed.3: Low voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways), 07/22/2005

47/1820/FDIS, IEC 62258-1, Ed 1: Semiconductor die products - Part 1: Requirements for procurement and use, 07/22/2005

62B/573/FDIS, Amendment 1 to 60601-2-33 Ed. 2: Medical electrical equipment - Part 2-33: Particular requirements for the safety of magnetic resonance equipment for medical diagnosis, 07/22/2005

68/310/FDIS, IEC 60404-8-3 Ed. 3.0: Magnetic materials - Part 8-3: Specifications for individual materials - Cold-rolled electrical non-alloyed and alloyed steel sheet and strip delivered in the semi-processed state, 07/22/2005

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.

ACOUSTICS (TC 43)

ISO 140-11:2005, Acoustics - Measurement of sound insulation in buildings and of building elements - Part 11: Laboratory measurements of the reduction of transmitted impact sound by floor coverings on lightweight reference floors, $97.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 14461-1:2005, Milk and milk products - Quality control in microbiological laboratories - Part 1: Analyst performance assessment for colony counts, $101.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 15387:2005, Space systems - Single-junction solar cells - Measurements and calibration procedures, $154.00

ISO 16412:2005, Air cargo equipment - Air cargo pallets - Utilization guidelines, $81.00

ISO 21351:2005, Space systems - Functional and technical specifications, $71.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 10524-3:2005, Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves, $101.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 17261:2005, Intelligent transport systems - Automatic vehicle and equipment identification - Intermodal good transport architecture and terminology, $97.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9834-6:2005, Information technology - Open Systems Interconnection - Procedures for the operation of OSI Registration Authorities: Registration of application processes and application entities, $39.00

ISO/IEC 22534:2005, Information technology - Telecommunications and information exchange between systems - Application session services, $76.00

ISO/IEC 22535:2005, Information technology - Telecommunications and information exchange between systems - Corporate telecommunication networks - Tunnelling of QSIG over SIP, $58.00

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 Accreditation Program for Third Party Product Certification Agencies

Application for Scope Extension

National Accreditation and Management Institute (NAMI)

Comment Deadline: June 23, 2005

National Accreditation and Management Institute (NAMI)
11870 Merchants Walk
Suite 202
Newport News, VA 23606

NAMI, an ANSI accredited certification body, has submitted an application for scope extension to include:

Thermal Properties of Fenestration Products

Please send your comments by June 23, 2005 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036: FAX: (202) 293-9287, or E-mail: rfigueir@ansi.org.

Notice of ANSI Adoption of IAF Guidance on the Application of ISO/IEC Guide 65 – General Requirements for Bodies Operating Product Certification Programs

Comment Deadline: June 22, 2005

At its meeting on October 21, 2004, the ANSI Accreditation Committee on Product Certification Programs approved the IAF guidance on the application of ISO/IEC Guide 65 (General requirements for bodies operating product certification program) as a document to be used by applicants or accredited certification bodies that apply for ANSI accreditation for the SQFI certification program and EUREPGAP program.

ANSI proposes that this guidance will be applied to assessments in 2005 and that ANSI-accredited certification bodies and applicants will be required to implement this guidance by January 1, 2006.

Please send your comments by June 22, 2005 to Reinaldo B. Figueiredo, Program Director , Conformity Assessment, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036; FAX: (202) 293-9287 or E-mail: rfigueir@ansi.org.

U. S. Technical Advisory Groups

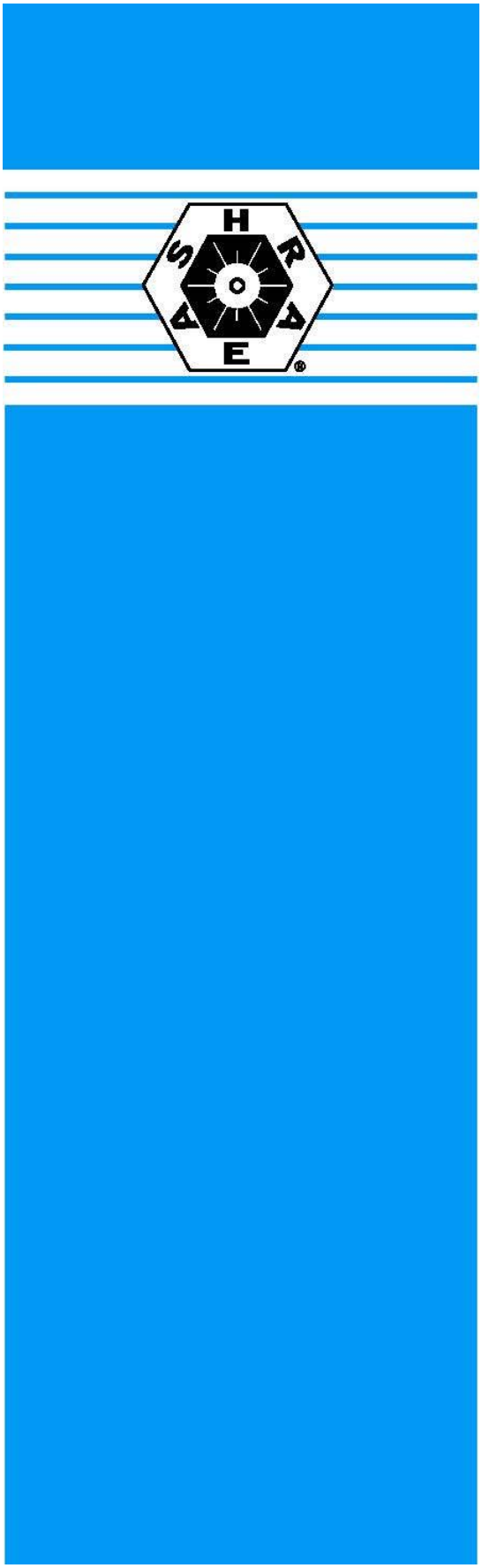
Accreditation of Proposed U.S. TAG to ISO Working Group on Social Responsibility

Comment Deadline: June 27, 2005

In response to a March 4, 2005 Standards Action announcement of ANSI's receipt of the American Society's for Quality (ASQ) and CSA America, Inc.'s separate applications for accreditation of a proposed U.S. Technical Advisory Group (TAG) to the new ISO Working Group on Social Responsibility and approval as TAG Administrator, a number of comments were received by ANSI Staff recommending instead that ANSI assume the TAG Administrator responsibilities. Consequently, ANSI has submitted an application for accreditation of the proposed TAG and approval as TAG Administrator. The proposed TAG, whose initial membership would be comprised of the ANSI ISO Council's (AIC) Ad Hoc Group on Social Responsibility, intends to operate using *the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities*, as contained in Annex A of the *ANSI Procedures for U.S. Participation in the International Standards Activities of ISO* (available on ANSI Online at: http://public.ansi.org/ansionline/Documents/Standards%20Activities/International%20Standardization/ISO/INTL2005.doc) The AIC has approved a ballot recommending that ANSI administer the proposed TAG.

For additional information, or to offer comments on ANSI's application for accreditation of the proposed U.S. TAG to the ISO WG on Social Responsibility and approval as TAG Administrator, please contact: Mr. Steven Cornish, Program Director, International Policy, American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036; PHONE: (212) 642-4969; FAX: (212) 840-2298; E-mail: scornish@ansi.org.

Please forward your comments to Mr. Cornish, with a copy to the Recording Secretary, ExSC, in ANSI's New York Office (Email: jthompso@ansi.org; FAX: (212) 840-2298) by June 27, 2005.



BSR/ASHRAE/IESNA Addendum i
to ANSI/ASHRAE/IESNA Standard 90.1-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum i to Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2005)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, use the comment form and instructions provided with this draft. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE web site @ http://www/ashrae.org.

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AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, NE Atlanta GA 30329-2305

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

Foreword

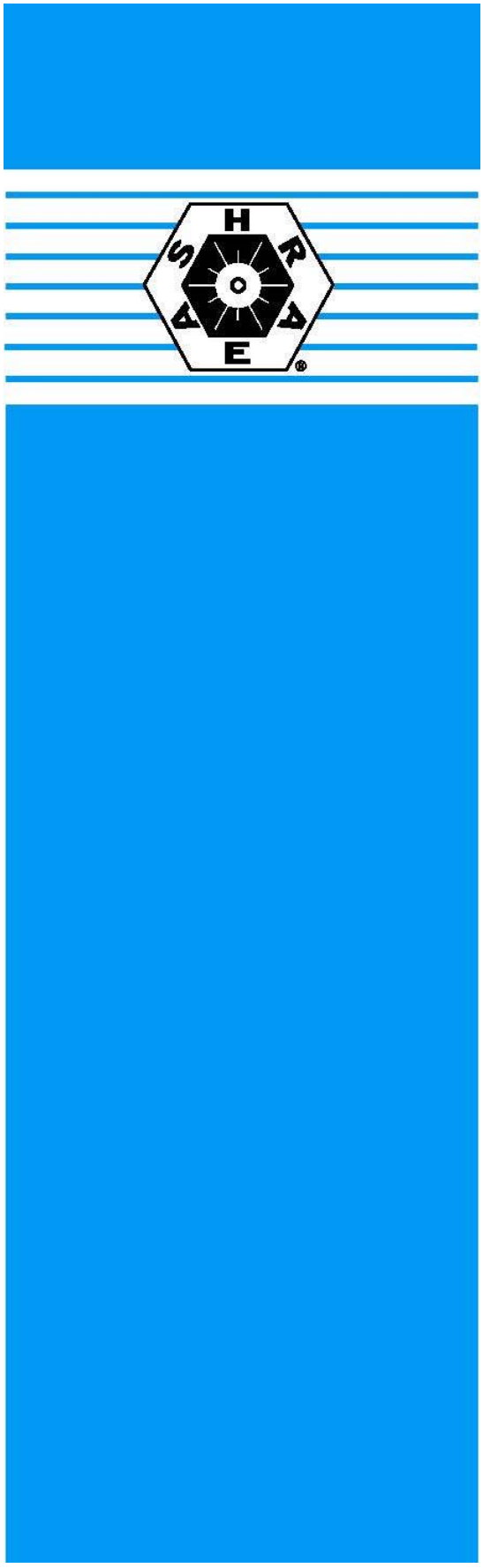
This additional language allows additional flexibility in assigning wattage to luminaires with multi-level ballasts where other luminaire components would restrict lamp size. In these cases the manufacturer's labeling of maximum wattage based on these restrictions would be allowed as the maximum value for compliance calculation.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum i to 90.1-2004 (I-P and SI editions)

Revise Section 9.1.4(b) as follows:

9.1.4 (b) The wattage of luminaires with permanently installed or remote ballasts or *transformer*s shall be the operating input wattage of the maximum lamp/auxiliary combination based on values from the auxiliary *manufacturer's* literature or recognized testing laboratories or shall be the maximum labeled wattage of the luminaire.



BSR/ASHRAE/IESNA Addendum h
to ANSI/ASHRAE/IESNA Standard 90.1-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum h to Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2005) (Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, use the comment form and instructions provided with this draft. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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Foreword

Table 2.1 of ASHRAE's Thermal Guideline for Data Processing Environments (pg, 10), provides environmental conditions for electronic equipment such as that found in data processing centers. This more recent publication found that electronic equipment can perform under more relaxed conditions than were previously believed. In light of this new information, it makes sense to remove these types of spaces from having specific exceptions on temperature and humidification dead bands.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum h to 90.1-2004 (I-P and SI editions)

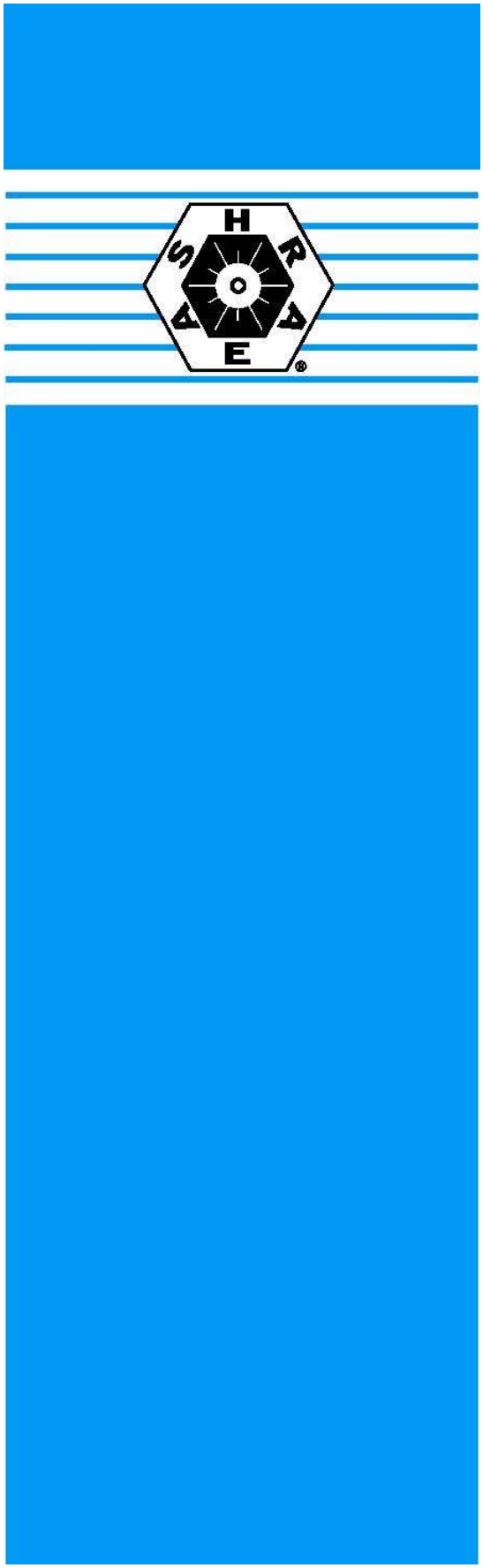
Revise the exceptions to Sections 6.4.3.1.2 and 6.4.3.6 as follows:

6.4.3.1.2 Dead Band. Where used to control both heating and cooling, zone thermostatic controls shall be capable of providing a temperature range or dead band of at least 5°F (3°C) within which the supply of heating and cooling energy to the zone is shut off or reduced to a minimum.

Exceptions to 6.4.3.1.2:
(a) Thermostats that require manual changeover between heating and cooling modes.
(b) Special occupancy or special applications where wide temperature ranges are not acceptable (such as retirement homes, process applications, ~~data processing~~, museums, some areas of hospitals) and are approved by the *authority having jurisdiction*.

6.4.3.6 Humidification and Dehumidification. Where a *zone* is served by a system or systems with both humidification and dehumidification capability, means (such as limit switches, mechanical stops, or, for DDC systems, software programming) shall be provided capable of preventing simultaneous operation of humidification and dehumidification equipment.

Exceptions to 6.4.3.6:
(a) Zones served by desiccant systems, used with direct evaporative cooling in series.
(b) Systems serving zones where specific humidity levels are required, such as ~~computer rooms,~~ museums, and hospitals, and approved by the *authority having jurisdiction*.



BSR/ASHRAE/IESNA Addendum j
to ANSI/ASHRAE/IESNA Standard 90.1-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum j to Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2005)
(Draft Shows Proposed Changes to Current Standard)

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AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, NE Atlanta GA 30329-2305

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Foreword

This language modification allows additional flexibility in complying with the controls requirements by allowing additional combinations of commonly available control equipment. This flexibility allows designers and builders additional cost-effective options for compliance.

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Addendum j to 90.1-2004 (I-P and SI editions)

Revise Section 9.4.1.3 as follows:

9.4.1.3 Exterior Lighting Control. Lighting for all exterior applications not exempted in 9.1 shall have automatic controls capable of turning off exterior lighting when sufficient daylight is available or when the lighting is not required during nighttime hours. Lighting not designated for dusk-to-dawn operation shall be controlled by either:

a) a combination of a photosensor and a time switch or

b) an astronomical time switch.

Lighting designated for dusk-to-dawn operation shall be controlled by an astronomical time switch or photosensor. All ~~Astronomical~~ time switches shall be capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

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Foreword

Metal building roofs often include blanket insulation draped over purlins in screw-down roof designs. U-factors for screw down roofs with R-10, R-11, and R-13 insulation were included in Table A2.3 of 90.1-2004. This proposed addendum adds U-factors for R-19 insulation to Table A2.3. U-factors for R-19 Screw Down Roofs were included in California Title 24 (2005 Joint Appendices Table IV.7)

For consistency, the proposed new U-factors were derived from the values in Table 1A of the NAIMA publication "ASHRAE 90.1 Compliance for Metal Buildings" (December 1997), which was the original source for the values in 90.1 Table A-2 and the California Title 24 appendices.

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Addendum k to 90.1-2004 (I-P and SI editions)

Revise Table A2.3 to add U-Factors for Screw-Down Roofs with R-19 Insulation as follows:

I-P Edition

TABLE A2.3
Assembly U-Factors for Metal Building Roofs

Insulation System	Rated R-Value of Insulation	Total Rated R-Value of Insulation	Overall U-Factor for Entire Base Roof Assembly	Overall U-Factor for Assembly of Base Roof Plus Continuous Insulation (uninterrupted by framing) Rated R-Value of Continuous Insulation					
				R-5.6	R-11.2	R-16.8	R-22.4	R-28.0	R-33.6
Screw Down Roofs									
	R-10	10	**0.153**	0.082	0.056	0.043	0.035	0.029	0.025
	R-11	11	**0.139**	0.078	0.054	0.042	0.034	0.028	0.025
	R-13	13	**0.130**	0.075	0.053	0.041	0.033	0.028	0.024
	R-19	19	**0.098**	0.063	0.047	0.037	0.031	0.026	0.023

Remainder of table left unchanged.

BSR/ASHRAE/IESNA Addendum k to ANSI/ASHRAE/IESNA Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
First Public Review Draft
SI Edition

TABLE A2.3
Assembly U-Factors for Metal Building Roofs

Insulation System	Rated R-Value of Insulation	Total Rated R-Value of Insulation	Overall U-Factor for Entire Base Roof Assembly	Overall U-Factor for Assembly of Base Roof Plus Continuous Insulation (uninterrupted by framing) Rated R-Value of Continuous Insulation					
				R-1.0	R-2.0	R-3.0	R-4.0	R-4.9	R-5.9
Screw Down Roofs									
	R-1.8	1.8	**0.868**	0.467	0.320	0.243	0.196	0.164	0.141
	R-1.9	1.9	**0.788**	0.443	0.308	0.236	0.192	0.161	0.139
	R-2.3	2.3	**0.737**	0.427	0.300	0.232	0.188	0.159	0.137
	R-3.3	3.3	**0.557**	0.355	0.267	0.210	0.178	0.150	0.132

Remainder of table left unchanged.

BSR/ASHRAE/IESNA Addendum *l*
to ANSI/ASHRAE/IESNA Standard 90.1-2004

Public Review Draft

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Foreword

The Energy Cost Budget section relies on the use of a building energy simulation program to estimate the energy cost difference between the design building model and a budget building model. The building designer can select any building energy simulation program for performing these estimates as long as the program complies with a list of requirements describing the minimum capabilities of the software. One of the requirements is a reference to ANSI/ASHRAE Standard 140-2001, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs. Requiring the building energy simulation program to be tested using the Standard 140 procedure provides benefits to persons using the Energy Cost Budget method by prompting developers to fix bugs found during the testing. This addendum updates the reference to the latest version of Standard 140, the 2004 version, which includes additional tests covering unitary cooling equipment models. These additional tests increase the coverage and potentially reduce errors occurring in building energy simulation programs used the Energy Cost Budget section.

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Addendum *l* to 90.1-2004 (I-P and SI editions)

Update the reference to ASHRAE Standard 140 in Section 12 as follows:

12. NORMATIVE REFERENCES

American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1791 Tullie Circle, NE, Atlanta, GA 30329

ANSI/ASHRAE Standard 140-~~2001~~ 2004	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs

BSR/UL 641-200x

Revise paragraph 31.4 to read:

31.4 The exterior surface of each chimney pipe section shall be permanently marked with the statement ″MINIMUM CLEARANCE – (a) INCH AIR SPACE TO COMBUSTIBLE MATERIALS AND BUILDING INSULATION ″, or equivalent. This and other required marking information shall appear at least once on each chimney section and shall be repeated at 5 foot (1.5 m) intervals on sections longer than 5 feet.

[a] Manufacturer's specified minimum clearance.

BSR/UL 907-200x

Revise paragraph 1.2 to read:

1.2 Fireplace accessories as covered by these requirements are intended for installation in accordance with the Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances, NFPA 211, and in accordance with codes such as the International Building Code, National Building Code, and related mechanical codes.

BSR/UL 1424-200x

Revise Table 7.1 in the proposed third edition of UL 1424 to add MFA material to the listing of PFA. The remainder of Table 7.1 remains as it was proposed originally.

Table 7.1

Index to insulations and jackets

Material(s)[a]	Temperature Rating of Insulation	Temperature Rating of Jacket	Applicable table of physical properties in UL 1581 (see 7.2.1 and 7.2.2)
PFA<u>and MFA</u>	200°C (392°F)[b]	200°C (392°F)	50.137
	solid	solid	
	foamed	-	-
	250°C (482°F)[b]	<u>250°C (482°F)[b]</u>	50.137