ANSI STANDARDS ACTION

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Contents

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: February 3, 2008

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

Addenda

BSR/ASHRAE/IESNA Addendum u to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Modifies the requirements for axial fan open circuit cooling towers.

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

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE/IESNA Addendum v to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Sets the requirement for pump sizing.

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

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE/IESNA Addendum w to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

This addendum contains two changes. The first change to the footnote of Table G3.1.1A is to make it clear that the Exception (a) to Section G3.1.1 is also applied here. The second change to the exception to G3.1.2.10 on Exhaust Air Energy Recovery for multifamily buildings because they are unlikely to have a centralized exhaust air system needed to effectively recover heat.

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

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 568-B.2-10-200x, Transmission Performance Specifications for 4-Pair 100 Ohm Augmented Category 6 Cabling (new standard)

Specifies requirements and recommendations for 100-ohm, 4-pair, category 6A cabling, cables, cords, and connecting hardware up to 500 MHz. This Standard includes extending the frequency range and adding requirements (e.g., alien crosstalk) to those specified in ANSI/TIA/EIA-568-B.2 and its addenda.

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 38-200x, Manual Signaling Boxes for Fire Alarm Systems (revision of ANSI/UL 38-2005)

This standard revises the Normal Operation Test regarding necessary force and motion.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 331-200x, Strainers for Flammable Fluids and Anhydrous Ammonia (Proposal dated 1/4/08) (revision of ANSI/UL 331-2005)

Revises item (a) in a proposed new exception to 5.3 for clarification.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Randi Myers, UL-CA; randi.k.myers@us.ul.com

Comment Deadline: February 18, 2008

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

Addenda

BSR/ASHRAE/IESNA Addendum s to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Updates the COP at 17 F efficiency levels for commercial heat pumps and introduces a new part load energy efficiency descriptor for all commercial unitary products above 65,000 Btu/h of cooling capacity.

Single copy price: Free

Obtain an electronic copy from: http://www.ashrae.org/technology/page/331

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE/IESNA Addendum t to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Removes the terms "replacement" and "new construction" from the product classes listed in Table 6.8.1 D and replaces them with the terms "non-standard size" and "standard size", respectively, to clarify that one product class is intended for applications with non-standard size exterior wall openings, while the other is intended for applications with standard size exterior wall openings. The proposal also amends section 6.4.1.5.2 and footnote b to Table 6.8.1 D to clarify that non-standard-size packaged terminal equipment have sleeves with an external wall openings of certain sizes.

Single copy price: Free

Obtain an electronic copy from: http://www.ashrae.org/technology/page/331

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE/IESNA Addendum x to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Updates the requirements for automatic lighting shutoff, adds specific occupancy sensor applications, and provides additional clarification.

Single copy price: Free

Obtain an electronic copy from: http://www.ashrae.org/technology/page/331

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPVC Revision-200x, ASME Boiler and Pressure Vessel Code (2/8/08 Meeting) (revision of ANSI/ASME BPVC Code 2007 Edition)

Establishes rules relating to pressure integrity governing the construction of boilers, pressure vessels, transport tanks and nuclear components, as well as in-service inspection of nuclear components and transport tanks.

Single copy price: $70.00

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: Joseph Brzuszkiewicz, ASME; brzuszkiewiczj@asme.org

ASTM (ASTM International)

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

New Standards

BSR/ASTM E2559-200x, Portable Document Format in Healthcare (PDF/H) - A Best Practices Guide (new standard)

Single copy price: $47.00

Revisions

BSR/ASTM E8-200x, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-1998A)

Single copy price: $47.00

BSR/ASTM F963-200x, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2007)

Single copy price: $54.00

Withdrawals

ANSI/ASTM E8M-1998A, Test Methods for Tension Testing of Metallic Materials (Metric) (withdrawal of ANSI/ASTM E8M-1998A)

Single copy price: $47.00

EIA (ASC Z245) (Environmental Industry Associations)

New Standards

BSR Z245.2-200x, Equipment Technology and Operations for Wastes and Recyclable Materials - Stationary Compactors - Safety Requirements for Installation, Maintenance and Operation (new standard)

Provides safety requirements with respect to the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of stationary compacting equipment. Applies to stationary compactors rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's installation, operation, and maintenance instructions and procedures.

Single copy price: $42.00

Obtain an electronic copy from: standards@wastec.org

Order from: Craig Wallwork, EIA (ASC Z245); cwallwork@wasttec.org

Send comments (with copy to BSR) to: Same

BSR Z245.5-200x, Equipment Technology and Operations for Wastes and Recyclable Materials - Baling Equipment - Safety Requirements for Installation, Maintenance and Operation (new standard)

Provides safety requirements with respect to the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of baling equipment. Applies to baling equipment rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's installation, operation, and maintenance instructions and procedures.

Single copy price: $42.00

Obtain an electronic copy from: standards@wastec.org

Order from: Craig Wallwork, EIA (ASC Z245); cwallwork@wasttec.org

Send comments (with copy to BSR) to: Same

BSR Z245.21-200x, Equipment Technology and Operations for Wastes and Recyclable Materials - Stationary Compactors - Safety Requirements for Installation, Maintenance and Operation (new standard)

Provides safety requirements with respect to the design and construction of stationary compacting equipment. Provides requirements to minimize the risk of fire, electrical shock and injury to persons during operation and maintenance of stationary compacting equipment for use with wastes and recyclable materials by commercial businesses, apartment buildings, industrial plants, waste processing facilities, waste disposal and transfer industries, and recycling facilities. Requirements apply to stationary compactors rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's installation, operation, and maintenance instructions and procedures.

Single copy price: $60.00

Obtain an electronic copy from: standards@wastec.org

Order from: Craig Wallwork, EIA (ASC Z245); cwallwork@wasttec.org

Send comments (with copy to BSR) to: Same

BSR Z245.41-200x, Equipment Technology and Operations for Wastes and Recyclable Materials - Facilities for the Processing of Commingled Recyclable Materials - Safety Requirements (new standard)

Establishes safety requirements for the design, manufacture, construction, modification, maintenance and operation of facilities used in the processing of commingled wastes and recyclable materials. It does not cover other types of facilities such as, waste-to-energy plants, scrap processing facilities, transfer stations, or mixed waste processing facilities, unless there is a commingled processing operation as part of these facilities.

Single copy price: $51.00

Obtain an electronic copy from: standards@wastec.org

Order from: Craig Wallwork, EIA (ASC Z245); cwallwork@wasttec.org

Send comments (with copy to BSR) to: Same

BSR Z245.51-200x, Equipment Technology and Operations for Wastes and Recyclable Materials - Baling Equipment - Safety Requirements (new standard)

Provides safety requirements with respect to the design and construction of baling equipment. Provides requirements to minimize the risk of fire, electrical shock and injury to persons during operation and maintenance of baling equipment for use with wastes and recyclable materials by commercial businesses, apartment buildings, industrial plants, waste processing facilities, waste disposal and transfer industries, and recycling facilities. Requirements apply to balers rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's installation, operation, and maintenance instructions and procedures.

Single copy price: $60.00

Obtain an electronic copy from: standards@wastec.org

Order from: Craig Wallwork, EIA (ASC Z245); cwallwork@wasttec.org

Send comments (with copy to BSR) to: Same

LIA (ASC Z136) (Laser Institute of America)

Revisions

BSR Z136.5-200x, Safe Use of Lasers in Educational Institutions (revision of ANSI Z136.5-2000)

Addresses laser safety concerns and situations characteristic of the educational environment. It is intended for laser-using faculty and students at primary, secondary and college levels of education excluding graduate level research laboratories. The wavelength range of interest includes the ultraviolet, visible, and infrared regions of the electromagnetic spectrum, specifically the wavelength range from 0.18 micrometer to 1 millimeter (mm).

Single copy price: $30.00

Obtain an electronic copy from: bsams@laserinstitute.org

Order from: Barbara Sams, LIA (ASC Z136); bsams@laserinstitute.org

Send comments (with copy to BSR) to: Same

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

Reaffirmations

BSR/OEOSC OP3.001-2001 (R200x), Optical Glass (reaffirmation of ANSI/OEOSC OP3.001-2001)

Establishes uniform practices for stating and interpreting specifications, tolerances, and functional requirements for optical glass that is used to fabricate lenses and other optical elements, such as prisms, windows, light pipes, etc., used in optical assemblies, systems, instruments, or other related uses.

Single copy price: $35.00

Obtain an electronic copy from: gene.kohlenberg@toast.net

Order from: Gene Kohlenberg, OEOSC: gene.kohlenberg@mciworld.com

Send comments (with copy to BSR) to: Same

OLA (ASC Z80) (Optical Laboratories Association)

Withdrawals

BSR Z80.25-1996 (R2002), Ophthalmics - Instruments: Fundamental Requirements and Test Methods (withdrawal of ANSI Z80.25-1996 (R2002))

Applies to non-invasive, active and non-active ophthalmic instruments. This standard includes low vision aids and tonometers, but excludes other instruments which are used in contact with the globe of the eye. This standard is not applicable to operation microscopes, endoscopes and devices intended for laser treatment (surgery) of the eye.

Single copy price: N/A

Obtain an electronic copy from: kdinkle@ola-labs.org

Order from: Kris Dinkle, OLA (ASC Z80); kdinkle@ola-labs.org

Send comments (with copy to BSR) to: Same

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

New Standards

BSR/SMACNA 008-200x, IAQ Guidelines for Occupied Buildings Under Construction (new standard)

Provides project management in maintaining satisfactory indoor air quality (IAQ) of occupied buildings undergoing renovation or construction. The Guideline covers how to manage the source of air pollutants, control measures, quality control and documentation, communication with occupants. It includes example projects, tables, references, resources, and checklists.

Single copy price: N/A

Obtain an electronic copy from: sbaker@smacna.org

Send comments (with copy to BSR) to: Peyton Collie, SMACNA; pcollie@smacna.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 492AAAC-B-200x, Detail specification for 850-nm laser-optimized, 50-micormeter core diameter/125-micormeter cladding diameter class Ia graded-index multimode optical fibers (new standard)

Applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

Single copy price: $83.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

BSR/TIA 492AAAA-B-200x, Detail specification for 62.5-micormeter core diameter/125-micormeter cladding diameter class Ia graded-index multimode optical fibers (new standard)

Applies to class Ia, graded-index, 62.5/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

Single copy price: $74.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

Revisions

BSR/TIA 492AAAB-A-200x, Detail specification for 50-micormeter core diameter/125-micormeter cladding diameter class Ia graded-index multimode optical fibers (revision of ANSI/TIA 492AAAB-1998)

Applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

Single copy price: $74.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents; www.global.ihs.com

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1077-200x, Standard for Safety for Supplementary Protectors for Use in Electrical Equipment (Proposal dated January 4, 2008) (revision of ANSI/UL 1077-2006)

This standard describes substantive changes to UL 1077 Proposal, dated June 8, 2007.

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: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

BSR/UL 1699-200x, Standard for Safety for Arc-Fault Circuit-Interrupters, (Bulletin dated January 4, 2008) (revision of ANSI/UL 1699-2007)

(a) Eliminates AFCI trip during high-voltage conditioning cycle, carbonized path arc interruption test, using SPT-2 wire only with 60 C rated insulation;
(b) Corrects titles of Figure SA12.1 and Figure SA12.2;
(c) Limits applicability of clearing times specified for 120V AFCIs to testing 240V AFCIs; and
(d) Defines what to do if arcing lasts less than the specified clearing time.

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: Edward Minasian, UL-NY; Edward.D.Minasian@us.ul.com

Withdrawals

ANSI/UL 1585-2006, Standard for Safety for Class 2 and Class 3 Transformers (withdrawal of ANSI/UL 1585-2006)

The Standard for Class 2 and Class 3 Transformers, UL 1585, has been withdrawn and replaced by the Standard for Low Voltage Transformers - Part 1: General Requirements, UL 5085-1, and the Standard for Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers, UL 5085-3.

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: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

Comment Deadline: March 4, 2008

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/IEC 60601-2-2-200x, Medical electrical equipment - Part 2-2: Particular requirements for basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (identical national adoption and revision of ANSI/AAMI/IEC 60601-2-2-2006)

Specifies requirements for the safety of high-frequency surgical equipment and HF surgical accessories used in medical practice. High-frequency surgical equipment having a rated output power not exceeding 50 W (for example, for micro-coagulation, or for use in dentistry or ophthalmology) is exempt from certain of the requirements of this particular standard.

Single copy price: Print: $20.00 (AAMI members), $25.00 (list); PDF: Free (AAMI members), $25.00 for list

Obtain an electronic copy from: http://marketplace.aami.org

Order from: AAMI Customer Service; 1-877-249-8226

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

CSA (3) (CSA America, Inc.)

Revisions

BSR Z21.63-200x, American National Standard/CSA Standard for Portable Type Gas Camp Heaters (same as CSA 11.3) (revision of ANSI Z21.63-2000 (R2005), ANSI Z21.63a-2001, and ANSI Z21.63b-2003)

Details test and examination criteria for unvented portable camp heaters or the infrared type only up to and including a maximum input of 12,000 Btuh (3.52kW) using propane, butane and liquefied petroleum gases and mixtures thereof and intended for outdoor use. This standard applies to camp heaters having regulated or non-regulated pressure and intended for direct or remote connection to the fuel container.

Single copy price: $175.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

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:

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Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793
Web: www.aami.org

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1791 Tullie Circle NE
Atlanta, GA 30329
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Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor (20N2)
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Fax: (303) 379-2740

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Fax: (407) 380-5588
Web: www.laserinstitute.org

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Fax: (408) 689-6500

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200 ext 22735, or 803-787-1398

Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Hae Choe*

Phone: (703) 525-4890 x213

Fax: (703) 276-0793

E-mail: hchoe@aami.org

BSR/AAMI/IEC 60601-2-47-200x, Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption and revision of ANSI/AAMI EC38-2007)

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

Office: P.O. Box 25705
Rochester, NY 14625-0705

Contact: *Gene Kohlenberg*

Phone: (585) 217-2491

Fax: (585) 377-2540

E-mail: gene.kohlenberg@optstd.org

BSR/OEOSC OP3.001-2001 (R200x), American National Standard For Optics and Electro-Optical Instruments - Optical Glass (reaffirmation of ANSI/OEOSC OP3.001-2001)

OLA (ASC Z80) (Optical Laboratories Association)

Office: 11096 Lee Hwy., A101
Fairfax, VA 22030-5039

Contact: *Kris Dinkle*

Phone: (703) 359-2830

Fax: (703) 359-2834

E-mail: kdinkle@ola-labs.org

BSR Z80.28-200x, Methods for reporting optical aberrations of eyes (revision of ANSI Z80.28-2004)

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. 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 is not 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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N Glebe Road
Suite 220
Arlington, VA 22201

Contact: *Hae Choe*

Fax: (703) 276-0793

E-mail: hchoe@aami.org

BSR/AAMI/IEC 60601-2-47-200x, Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption and revision of ANSI/AAMI EC38-2007)

Stakeholders: Manufacturers and users of ambulatory electrocardiographic devices.

Project Need: To adopt an IEC revision as an American National Standard.

Specifies the basic safety and essential performance of ambulatory electrocardiographic (ECG) systems. Within the scope of this standard are systems of the following types:
(a) systems that provide continuous recording and continuous analysis of the ECG allowing full re-analysis giving essentially similar results; and
(b) systems that provide continuous analysis and only partial or limited recording not allowing a full re-analysis of the ECG.
This standard does not apply to systems that do not continuously record and analyze the ECG (for example, intermittent event recorders).

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME Y14.2M-200x, Line Conventions and Lettering (revision of ANSI/ASME Y14.2M-1992 (R2003))

Stakeholders: Mechanical engineers.

Project Need: To update this standard to reflect current practices.

Establishes the line and lettering practices for use in the preparation of drawings, including the recognition of the requirements for Computer Aided Design (CAD) and manually prepared drawings.

CEA (Consumer Electronics Association)

Office: 1919 S Eads Street
Arlington, VA 22202

Contact: *Alayne Bell*

Fax: 703-907-4194

E-mail: ABell@CE.org; Carce@ce.org

BSR/CEA 516-200x, Joint EIA/CVCC Recommended Practice for Teletext: North American Basic Teletext Specification (NABTS) (new standard)

Stakeholders: Broadcast, cable, direct broadcast satellite, TV manufacturers.

Project Need: To reaffirm CEA Standard and to get ANSI approval.

Contains the technical description of the transmission technique, coding language, and user interface for one-way broadcast teletext-service applications in North America.

BSR/CEA 762-B-200x, DTV Remodulator Specification (new standard)

Stakeholders: DTV, DVD, STB manufacturers.

Project Need: To update this standard in order to reflect current operating environment.

Defines minimum specifications for a one-way data path utilizing an 8-VSB trellis remodulator in compliance with ATSC Standard A/53B, Annex D. This standard applies to any type of device used to connect to an ATSC compliant digital television (DTV) receiver. Devices meeting this standard should interoperate with any ATSC compliant receiver that also supports monitor mode.

BSR/CEA 849-B-200x, Application Profiles for CEA-775 Compliant DTVs (new standard)

Stakeholders: DTV, DVD, STB manufacturers.

Project Need: To update this standard in order to reflect current operating environment.

Defines transport and content coding formats a compliant DTV shall support in order to inter-operate with various digital audio and video sources. A DTV compliant with this standard shall also comply with the requirements of CEA 775-C.

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Contact: *Matthew Ceglia*
Fax: (732) 796-6966
E-mail: m.j.ceglia@ieee.org

BSR C63.4-200x, Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (revision of ANSI C63.4-2003)

Stakeholders: EMC test laboratories, EMC test equipment manufacturers (software designers).

Project Need: To revise ANSI C63.4 to address issues raised by the revision task group.

Revises ANSI C63.4 to address the following specific issues and other issues as may be raised by the revision task group.
(A) Add to Figure 2 (LISN) a tabular list in addition to the graph;
(B) Clarify paragraph 11.1.3(e) and (f) on exercise of displays;
(C) In section 12.2.1, replace “5 V peak-to-peak VITS signal supplied through the video input port.” with “the highest input voltage where video is still processed or present, or visible on the TV screen without error, should be recorded and tested”;
(D) LISN calibration procedures; and
(E) Definition of cable loss as a function of temperature.

OLA (ASC Z80) (Optical Laboratories Association)

Office: 11096 Lee Hwy., A101
Fairfax, VA 22030-5039
Contact: *Kris Dinkle*
Fax: (703) 359-2834
E-mail: kdinkle@ola-labs.org

BSR Z80.28-200x, Methods for reporting optical aberrations of eyes (revision of ANSI Z80.28-2004)

Stakeholders: Medical device manufacturers, ophthalmologists, optometrists.

Project Need: To consider alternate approaches to specifying aberrations of the eye, which have changed since the last revision of the standard.

Specifies standardized methods for reporting the optical aberrations of the eyes.

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.

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- TIA
- Underwriters Laboratories, Inc. (UL)

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 www.ansi.org/publicreview.

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.

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 Member countries 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. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)
- business (large/small businesses and consultants)

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org.

Proposed Tentative Interim Amendment (TIA)

Comments Sought for NFPA 1971

Comment Deadline: January 18, 2008

The following proposed Tentative Interim Amendment is available for public review and comment.

NFPA 1971-2007
Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting
TIA Log No. 899
Reference: 7.20.1.3, 8.67.4.1, 8.67.5, 8.67.6, and A.8.67.1(3)
Comment Closing Date: January 18, 2008
Send comments to: Leona Nisbet, NFPA; lnisbet@nfpa.org

ANSI Accreditation Program for Third Party Personnel Certification Agencies

Application for Accreditation

InfoComm International

Comment Deadline: February 3, 2008

InfoComm International
11242 Waples Mill Rd., Suite 200
Fairfax, VA 22030

InfoComm International has submitted formal application for accreditation by ANSI of the following scopes of this certification body:

Certified Technology Specialist (CTS)

Certified Technology Specialist - Installation (CTS-I)

Please send your comments by February 3, 2008 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, Fax: (202) 293-9287 or e-mail: rswift@ansi.org.

International Organization for Standardization (ISO)

Proposal for New Work Item

Patent Valuation

Comment Deadline: January 31, 2008

Germany (DIN) has submitted to ISO a proposal for a New Work Item (NWIP) titled “Patent valuation”

The proposed scope of this new work item is as follows:

Specification of basic requirements relating to methods of monetary patent valuation

If the NWIP is approved, the work will be carried out in a Project Committee (PC).

This proposal has been sent to the members of the ANSI Patent Committee as well as the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully at ANSI via e-mail: hscully@ansi.org by January 25th with submission of comments to Steven Cornish (scornish@ansi.org), ANSI, by January 31st.

International Electrotechnical Commission (IEC)

Looking for Members

USNC TAG for IEC/TC 31 Serving as TAG for IEC SC 31M on Interim Basis (Non-Electrical Equipment and Protective Systems for Explosive Atmospheres)

In 2007, the IEC Standardization Management Board (SMB), with the concurrence of the ISO Technical Management Board (TMB), established within IEC TC 31, a new Subcommittee SC 31M – Non-Electrical Equipment and Protective Systems for Explosive Atmospheres. This SC has an ISO Secretariat, ISO Chair and both ISO and IEC members for the purpose of processing double logo standards on "non-electrical" matters relating to explosive atmospheres. Because this unique structure is not fully covered by the current ISO/IEC Directives, SC 31M operates under specially approved ISO/IEC Procedures. The SC held its first meeting in November 2007 in Kuala Lumpur. During the formative stages in the establishment of SC 31M, the USNC TAG for IEC TC 31 (Equipment for Explosive Atmospheres), will serve as its TAG, on an interim basis. Based on the interest shown and on the number of potential new members, a separate SC 31M TAG, with its own TAG Administrator, may be organized in the near term future.

Those interested are invited to contact Ms Elaina Beattie, ISA, TAG Administrator, IEC/TC 31.

Scope: To prepare and maintain international standards relating to non-electrical equipment and protective systems for use where there is a hazard due to the possible presence of explosive atmospheres of gases, vapours, mists or combustible dusts. (provisional)

Anyone interested in participating is invited to contact Ms Eliana Beatie, ISA, P O Box 12277, 67 Alexander Drive, Research Triangle Park, NC 27709; PHONE: 919-990-9227; E-Mail: ebeattie@isa.org.

Meeting Notice

American Society of Safety Engineers ASSE (ASC Z117) Meeting

The ANSI Accredited Z117 Standards Committee (ASC) for Confined Space Entry will be holding a meeting on April 15 and 16, 2008 at the offices of ASSE. We will begin on the 15th at 8:30 AM and will conclude no later than 3:00 PM on the 16th. For additional information contact: Timothy R. Fisher, CSP, ARM, CPEA, Director, Practices and Standards, American Society of Safety Engineers (ASSE) 1800 East Oakton Street Des Plaines, IL 60018; PHONE: (847) 768-3411; FAX: (847) 296-9221; E-mail: TFisher@ASSE.org.

2008 STANDARDS ACTION PUBLISHING SCHEDULE—VOLUME NO. 39

VOL. 39	Developer Submits Data to PSA Between these Dates		2008 Standards Action Date & Public Review Comment Deadline			
Issue	Submit start (Tuesday)	Submit end (Monday)	SA Published (Friday)	30-day PR ends	45-day PR ends	60-day PR ends
1	12/18/2007	12/24/2007	4-Jan	2/3/2008	2/18/2008	3/4/2008
2	12/25/2007	12/31/2007	11-Jan	2/10/2008	2/25/2008	3/11/2008
3	1/1/2008	1/7/2008	18-Jan	2/17/2008	3/3/2008	3/18/2008
4	1/8/2008	1/14/2008	25-Jan	2/24/2008	3/10/2008	3/25/2008
5	1/15/2008	1/21/2008	1-Feb	3/2/2008	3/17/2008	4/1/2008
6	1/22/2008	1/28/2008	8-Feb	3/9/2008	3/24/2008	4/8/2008
7	1/29/2008	2/4/2008	15-Feb	3/16/2008	3/31/2008	4/15/2008
8	2/5/2008	2/11/2008	22-Feb	3/23/2008	4/7/2008	4/22/2008
9	2/12/2008	2/18/2008	29-Feb	3/30/2008	4/14/2008	4/29/2008
10	2/19/2008	2/25/2008	7-Mar	4/6/2008	4/21/2008	5/6/2008
11	2/26/2008	3/3/2008	14-Mar	4/13/2008	4/28/2008	5/13/2008
12	3/4/2008	3/10/2008	21-Mar	4/20/2008	5/5/2008	5/20/2008
13	3/11/2008	3/17/2008	28-Mar	4/27/2008	5/12/2008	5/27/2008
14	3/18/2008	3/24/2008	4-Apr	5/4/2008	5/19/2008	6/3/2008
15	3/25/2008	3/31/2008	11-Apr	5/11/2008	5/26/2008	6/10/2008
16	4/1/2008	4/7/2008	18-Apr	5/18/2008	6/2/2008	6/17/2008
17	4/8/2008	4/14/2008	25-Apr	5/25/2008	6/9/2008	6/24/2008
18	4/15/2008	4/21/2008	2-May	6/1/2008	6/16/2008	7/1/2008
19	4/22/2008	4/28/2008	9-May	6/8/2008	6/23/2008	7/8/2008
20	4/29/2008	5/5/2008	16-May	6/15/2008	6/30/2008	7/15/2008
21	5/6/2008	5/12/2008	23-May	6/22/2008	7/7/2008	7/22/2008
22	5/13/2008	5/19/2008	30-May	6/29/2008	7/14/2008	7/29/2008
23	5/20/2008	5/26/2008	6-Jun	7/6/2008	7/21/2008	8/5/2008
24	5/27/2008	6/2/2008	13-Jun	7/13/2008	7/28/2008	8/12/2008
25	6/3/2008	6/9/2008	20-Jun	7/20/2008	8/4/2008	8/19/2008
26	6/10/2008	6/16/2008	27-Jun	7/27/2008	8/11/2008	8/26/2008
27	6/17/2008	6/23/2008	4-Jul	8/3/2008	8/18/2008	9/2/2008
28	6/24/2008	6/30/2008	11-Jul	8/10/2008	8/25/2008	9/9/2008

2008 STANDARDS ACTION PUBLISHING SCHEDULE—VOLUME NO. 39

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29	7/1/2008	7/7/2008	18-Jul	8/17/2008	9/1/2008	9/16/2008
30	7/8/2008	7/14/2008	25-Jul	8/24/2008	9/8/2008	9/23/2008
31	7/15/2008	7/21/2008	1-Aug	8/31/2008	9/15/2008	9/30/2008
32	7/22/2008	7/28/2008	8-Aug	9/7/2008	9/22/2008	10/7/2008
33	7/29/2008	8/4/2008	15-Aug	9/14/2008	9/29/2008	10/14/2008
34	8/5/2008	8/11/2008	22-Aug	9/21/2008	10/6/2008	10/21/2008
35	8/12/2008	8/18/2008	29-Aug	9/28/2008	10/13/2008	10/28/2008
36	8/19/2008	8/25/2008	5-Sep	10/5/2008	10/20/2008	11/4/2008
37	8/26/2008	9/1/2008	12-Sep	10/12/2008	10/27/2008	11/11/2008
38	9/2/2008	9/8/2008	19-Sep	10/19/2008	11/3/2008	11/18/2008
39	9/9/2008	9/15/2008	26-Sep	10/26/2008	11/10/2008	11/25/2008
40	9/16/2008	9/22/2008	3-Oct	11/2/2008	11/17/2008	12/2/2008
41	9/23/2008	9/29/2008	10-Oct	11/9/2008	11/24/2008	12/9/2008
42	9/30/2008	10/6/2008	17-Oct	11/16/2008	12/1/2008	12/16/2008
43	10/7/2008	10/13/2008	24-Oct	11/23/2008	12/8/2008	12/23/2008
44	10/14/2008	10/20/2008	31-Oct	11/30/2008	12/15/2008	12/30/2008
45	10/21/2008	10/27/2008	7-Nov	12/7/2008	12/22/2008	1/6/2009
46	10/28/2008	11/3/2008	14-Nov	12/14/2008	12/29/2008	1/13/2009
47	11/4/2008	11/10/2008	21-Nov	12/21/2008	1/5/2009	1/20/2009
48	11/11/2008	11/17/2008	28-Nov	12/28/2008	1/12/2009	1/27/2009
49	11/18/2008	11/24/2008	5-Dec	1/4/2009	1/19/2009	2/3/2009
50	11/25/2008	12/1/2008	12-Dec	1/11/2009	1/26/2009	2/10/2009
51	12/2/2008	12/8/2008	19-Dec	1/18/2009	2/2/2009	2/17/2009
52	12/9/2008	12/15/2008	26-Dec	1/25/2009	2/9/2009	2/24/2009

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

Proposed Addendum u to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (October 2007)
(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.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

**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

Axial fan open circuit cooling towers use approximately 50% of the energy consumed by centrifugal fan open circuit cooling towers. Substantial energy can be saved by requiring centrifugal fan units over 1,100 USGPM at the rating conditions to meet the energy efficiency requirements for axial fan units found in Table 6.8.1G. These requirements are 38.0 GPM/hp for axial versus 20.0 GPM/hp for centrifugal, rated at 95° entering, 85° leaving, and 75° entering wet bulb temperature. This would encourage the current market trend towards lower energy axial fan designs. Exceptions are allowed for sound control and ducted installations (which might be used to reduce the potential for freezing in cold climates). Like-for-like replacements on existing buildings that would require extensive rework of the site (such as to the supporting steel) are permitted under Section 6.1.1.3, exception b.

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 u to 90.1-2007

Revise the Standard as follows (I-P units)

Add a new section 6.5.5.3 as follows.

6.5.5.3 Limitation on Centrifugal Fan Open Circuit Cooling Towers. Centrifugal fan open circuit cooling towers with a combined rated capacity of 1,100 gpm or greater at 95°F condenser water return, 85°F condenser water supply and 75°F *outdoor air* wet-bulb temperature shall meet the energy efficiency requirement for axial fan open circuit cooling towers listed in Table 6.8.1G.

Exception to 6.5.5.3: Open circuit cooling towers that are ducted (inlet or discharge) or require external sound attenuation.

Revise the Standard as follows (S-I units)

Add a new section 6.5.5.3 as follows.

6.5.5.3 Limitation on Centrifugal Fan Open Circuit Cooling Towers. Centrifugal fan open circuit cooling towers with a combined rated capacity of 69.4 L/s or greater at 35°C condenser water return, 29°C condenser water supply and 24°F *outdoor air* wet-bulb temperature shall meet the energy efficiency requirement for axial fan open circuit cooling towers listed in Table 6.8.1G.

Exception to 6.5.5.3: Open circuit cooling towers that are ducted (inlet or discharge) or require external sound attenuation.

BSR/ASHRAE/IESNA Addendum v
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum v to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (October 2007)
(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.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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 is one of the last pieces of "low hanging fruit" available to 90.1. It will reduce first costs and energy costs by encouraging designers to follow good practice. There is minimal, if any, incremental cost associated with this measure. Performing detailed pump head calculations is good engineering practice. Unfortunately, some designers do not follow good practice and instead conservatively guess at the pump head. A pump that appears to be efficient at a conservatively estimated pump head will typically not be very efficient at the actual pump head. For example, a typical pump selection at 500 GPM and 100 feet of head might have a design point efficiency of 75%. If the actual head for this system is only say 55 feet then actual pump efficiency may be closer to 62%. If the designer had used actual head s/he would likely have selected a less expensive pump with a smaller motor. Thus correctly sizing pumps often reduces mechanical, electrical, structural, and energy costs; in addition to conserving energy..

The mechanical subcommittee will provide a software tool for inclusion in the User's Manual that will allow designers to quickly and easily calculate pump head.

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.

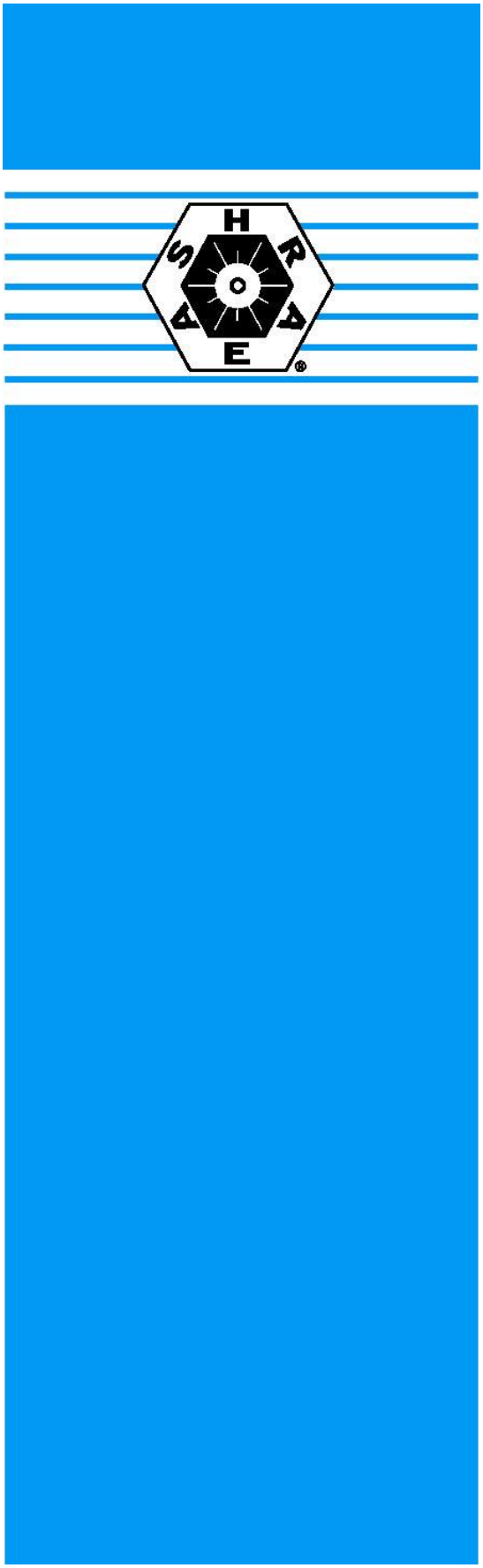
Addendum v to 90.1-2007

Revise the Standard as follows (IP and SI Units)

6.4.2 Calculations.
6.4.2.1. Load Calculations. *Heating and cooling system design loads for the purpose of sizing systems and equipment shall be determined in accordance with generally accepted engineering standards and handbooks acceptable to the adopting authority ~~(for example, ASHRAE Handbook—Fundamentals)~~.*

6.4.2.2 Pump Head. *Pump differential pressure (head) for the purpose of sizing pumps shall be determined in accordance with generally accepted engineering standards and*

handbooks acceptable to the adopting authority. The pressure drop through each device and pipe segment in the critical circuit at design conditions shall be calculated.



BSR/ASHRAE/IESNA Addendum w to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum w to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (October 2007) (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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(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 addendum contains two changes. The first change to the footnote of Table G3.1.1A is to make it clear that the Exception (a) to Section G3.1.1 is also applied here. The second change to the exception to G3.1.2.10 on Exhaust Air Energy Recovery for multifamily buildings because they are unlikely to have a centralized exhaust air system needed to effectively recover heat.

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 w to 90.1-2007

Modify the Note to Table G3.1.1A as follows (SI and IP units)

TABLE G3.1.1A *Baseline* HVAC System Types

Building Type	Fossil Fuel, Fossil/Electric Hybrid, & Purchased Heat	Electric and Other
Residential	System 1 – PTAC	System 2 - PTHP
Nonresidential & 3 Floors or Less & <25,000 ft2	System 3 – PSZ-AC	System 4 – PSZ-HP
Nonresidential & 4 or 5 Floors & <25,000 ft2or 5 Floors or Less & 25,000 ft2to 150,000 ft2	System 5 - Packaged VAV w/ Reheat	System 6 - Packaged VAV w/PFP Boxes
Nonresidential & More than 5 Floors or >150,000 ft2	System 7 - VAV w/Reheat	System 8 - VAV w/PFP Boxes

Notes:
Residential building types include dormitory, hotel, motel, and multifamily. Residential space types include guest rooms, living quarters, private living space, and sleeping quarters.
Other building and space types are considered nonresidential.
Where no heating system is to be provided or no heating energy source is specified, use the "Electric and Other" heating source classification.
Where attributes make a building eligible for more than one *baseline* system type, use the predominant

condition to determine the system type for the entire building except as noted in Exception (a) to Section G 3.1.1.
For laboratory spaces with a minimum of 5000 cfm of exhaust, use systems type 5 or 7 and reduce the exhaust and makeup air volume to 50% of design values during unoccupied periods. For all electric buildings the heating shall be Electric Resistance.

Add Exception (i) to Section G3.1.2.10 as follows (SI and IP units):

G3.1.2.10 Exhaust Air Energy Recovery

…
Exceptions to G3.1.2.10: If any of these exceptions apply, exhaust air energy recovery shall not be included in the *baseline building design.*
…
(i) Systems serving dwelling units in multifamily buildings.

Final Default Ballot
SP-3-4426-AD10-D-3, to be published as ANSI/TIA/EIA-568-B.2-10

Performance Specifications for 4-Pair 100 Ω Augmented Category 6 Cabling

A final default ballot is issued to determine support within the Formulating Group for continuing objection(s). If unresolved negative ballots still remain after this final default ballot, full documentation of the objections and of the efforts to resolve them shall be provided to the Vice President, Standards and Technology Department for review and consideration by the TSSC. The TSSC shall take action as it deems appropriate.

This final default ballot is a result of the comment resolution held regarding SP-3-4426-AD10-2 and is limited to one (1) rejected no vote. Other comments submitted to SP-3-4426-AD10-2 were resolved editorially. The results of the SP-3-4426-AD10-2 ballot consisted of eleven (11) “abstain”, nineteen (19) “approve”, four (1) “approve with comments”, and three (3) "disapprove with comments" votes.

This final default ballot is constructed in a table format with the submitter (source) of each SP-3-4426-AD10-2 ballot comment included in the “ID” column for each row. Each comment within this final default ballot corresponds to the location within the SP-3-4426-AD10-2 ballot document (page, line, clause).

For the purpose of this final default ballot, the resolution to the submitter’s comment that was reached by the Subcommittee should be considered in your vote and comment. For example:

- If you agree with the resolution to these items, your vote would be “approve”, or
- if you agree with the resolution, but have comments to the resolution, your vote would be “approve with comments” and include specific proposed changes along with rationale, or
- if you disagree with the resolution, your vote would be “disapprove with comments” and include specific proposed changes along with rationale.

Page	Line	Clause		ID	Rationale	Proposed Change	Comment Resolution
13	7	G.3.5	TN	HPW-1	Backwards compatibility with C6 hardware needs to be maintained. Our investigation (on recently acquired test fixture) indicates that the range in the current standard for 36-45 combination next limits is too low. **The numbers we are requesting used to be in the draft previously and got changed.** There may be an issue of lab to lab variation carry over from C6 here (which was +/- 0.1 dB on de-embedded plugs).	Change **38.1** and **39.5** in appropriate table row/equation. TO: **38.3** and **39.7** respectively	TR-42.7: Reject. No consensus for change. Committee rationale: No data was presented to support this change. One other laboratory has done comparison measurements and did not find a disparity between measurement techniques that would support this change. This data was reviewed with the commenter. The commenter felt that this comment was given reasonable and fair consideration by the sub-committee.

BSR/UL 38

14.1.5 A signaling box having a glass panel, disc, rod, or similar part that must be broken to operate it for a signal or for access to its actuating means shall satisfactorily complete five part-breaking operations using the means provided with the box, without jamming of the mechanism or other interference by broken particles. It shall be practicable to remove and replace the broken parts. ~~The maximum allowable force to actuate a box requiring a pushing or pulling action shall not exceed 15 pounds (67 N) applied in the direction of intended operation. The minimum force to actuate a box requiring a striking action shall be 1 foot-pound (1.36 J) applied in the direction of intended operation.~~ The force required to activate controls shall be no greater than 5 pounds (22N) of force.

14.1.5A The actuating means shall be operable with one hand, shall not require a striking action by grasping a tool, and shall not require tight grasping, pinching, or twisting of the wrist.

BSR/UL 331 – Proposal to clarify item (a) in the proposed new exception to 5.3

PROPOSAL

5.3 Except as indicated in 5.4 and 5.5, fluid-containing parts other than a seal ring or a gasket shall have a melting point (solidus temperature) of not less than 950°F (510°C) and an ultimate tensile strength of not less than 10,000 psig (69 MPa) at 400°F (204°C).

Exception: For a strainer for an oil burner, an oil-containing part, other than a base (head) unit, a melting point (solidus temperature) less than 950°F (510°C) is allowed to be installed if:

a) The part is protected by a fusible-link shut-off valve with a temperature rating of not ~~less~~ more than 350°F (177°C). The fusible-link shut-off valve shall comply with the Standard for Valves for Flammable Fluids, UL 842; and

b) The part is suitable for exposure to the intended fuel and the part complies with the requirements of the Resistance to Impact Test, Mold Stress-Relief Distortion Test, in accordance with the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, with the following parameters:

1) With regard to the Resistance to Impact Test, the drop impact test shall be conducted utilizing a concrete floor or an equivalent nonresilient floor in lieu of a hardwood surface.

2) With regard to the Resistance to Impact Test, the ball impact test shall be conducted with the impact requirements of 6.8 J (5.0 ft-lbs).

3) With regard to the Mold Stress-Relief Distortion Test, the part is to be placed in an air oven maintained at 158°F (70°C) for 7 hours.