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: October 22, 2006

ACCA (Air Conditioning Contractors of America)

New Standards

BSR/ACCA 5 QC/QI-200x, HVAC Quality Installation Specification (new standard)

The proposed standard establishes minimum attributes and specification elements on:
(1) Quality Contractors that include:
- business prerequisites;
- contract or business practices;
- adequate sales and technician support; and
- achieving customer satisfaction.

(2) Quality Installation that include:
- design and equipment selection aspects;
- equipment installation aspects;
- distribution aspects; and
- system documentation/owner education.

These elements identify practices that lead to a quality HVAC installation in residential and commercial buildings.

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

Send comments (with copy to BSR) to: Dick Shaw, ACCA; dick.shaw@acca.org

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

New Standards

BSR/ASHRAE/ACCA 183P-200x, Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings (new standard)

This third public review draft of proposed Standard 183 makes several independent substantive changes to the second public review draft. This standard is a collaborative effort between ASHRAE and ACCA, the Air Conditioning Contractors of America. It establishes minimum requirements for performing peak cooling and heating load calculations for buildings except low-rise residential buildings.

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

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

Supplements

BSR/ASHRAE 34d-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2004)

This proposed addendum adds the requirement for refrigerant applications in electronic format in addition to printed copies.

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 34i-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum adds a designation of R-426A to the blend R-125/134a/600/601a (5.1/93.0/1.3/0.6) with tolerances of (± 1.0/ ± 1.0/ +0.1,-0.2/ +0.1,-0.2) and a safety classification of A1.

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 34j-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum adds a designation of R-427A to the blend R-32/125/143a/134a (15.0/25.0/10.0/50.0) with tolerances of (± 2.0/ ± 2.0/ ± 2.0/ ± 2.0) and a safety classification of A1.

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 34l-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum adds a designation of R-428A to the blend R-125/143a/290/600a (77.5/20.0/0.6/1.9) with tolerances of (± 1.0/ ± 1.0/ +0.1,-0.2/ +0.1,-0.2) and a safety classification of A1.

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 90.1aq-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum updates the CTI Standard references to the most recent published standards.

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 90.1ap-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum clarifies the intent of the "sales" area space type in retail lighting power allowances. It confirms that the retail additional allowances are meant to be applied to sales areas regardless of building type.

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 90.1aw-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum excludes bathroom lighting from "master" switch control in hotel/motel guest rooms by placing a 60-minute time limit on bathroom lighting allowing for potential safety or convenience concerns.

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 90.1ao-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004)

This proposed addendum adds a requirement for intermittent ignition devices, and power venting or an automatic flue damper for all unit heaters. This change is being made to comply with Section 135 (aa) of the Energy Policy Act of 2005.

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 90.1ar-2004, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum changes the power reduction of VAV applications from 15 HP to 10 HP. This change has a payback of 0.6 years for typical VAV applications.

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

Comment Deadline: November 6, 2006

AMCA (Air Movement and Control Association)

New Standards

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

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

Single copy price: $5.00

Obtain an electronic copy from: torris@amca.org

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

Send comments (with copy to BSR) to: Same

API (American Petroleum Institute)

Supplements

BSR/API Specification 7-1-200x, Specification for Rotary Drill Stem Elements (supplement to ANSI/API Spec 7-1-2006)

Provides minimal specification guidelines for heavy weight drill pipe.

Single copy price: $25.00

Obtain an electronic copy from: kurylac@api.org

Order from: Carriann Kuryla, API (Organization); kurylac@api.org

Send comments (with copy to BSR) to: Same

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

New Standards

BSR/ASHRAE 124P-200x, Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances (new standard)

This third public review draft of proposed Standard 124 (based on Standard 124-1991) makes several proposed independent substantive changes to the second public review draft. The primary change is the deletion of Appendix A in response to comments submitted during the first and second public reviews. The purpose of this standard is to establish a method of test to rate the performance of a combination space-heating and water-heating appliances.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE 160P-200x, Design Criteria for Moisture Control in Buildings (new standard)

This is the first public review of proposed new Standard 160. It specifies performance-based design criteria for predicting, mitigating, or reducing moisture damage to buildings depending upon climate, construction type, and HVAC system operation. It applies to all types of buildings, building components and materials.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE 161P-200x, Air Quality within Commercial Aircraft (new standard)

This second public review draft of proposed Standard 161 makes a number of independent substantive changes to the first public review draft in response to comments received. This standard defines the requirements for air quality in air-carrier aircraft and specifies methods of measurement and testing for compliance with the standard. It considers chemical, physical, and biological contaminants and factors such as moisture, temperature and pressure that may affect air quality.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE 170P-200x, Ventilation of Health Care Facilities (new standard)

This second public review of proposed Standard 170 substantially revises the first public review draft in response to comments received. Co-sponsored by the American Society for Healthcare Engineering (ASHE), Standard 170 aims to ensure high quality ventilation in health care facilities. This is important because poorly ventilated facilities increase the likelihood of pathogenic particles occurring in the air, putting workers, visitors, and especially the more susceptible patients at risk.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE/ACCA 180P-200x, Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems (new standard)

This is the first public review of proposed Standard 180, which is a collaborative effort between ASHRAE and ACCA, Air Conditioning Contractors of America. It establishes minimum HVAC inspection and maintenance requirements that preserve a system's ability to achieve acceptable thermal comfort, energy efficiency, and indoor air quality in commercial buildings.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

Supplements

BSR/ASHRAE 34m-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum removes data element requirements that are not needed in determining the refrigerant designation or safety classifications.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 34t-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum adds an informative appendix containing refrigerant data removed from the standard by Addendum 34u-2004 and bubble/dew points for azeotropic blends.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 34v-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum updates Addendum 34u-2004 text and tables based on:
- an increased ODL from 69,100 ppm to 140,000 ppm;
- an increased cardiac sensitization default from 0 to 1000 ppm;
- new toxicity information for R-22, 32 and 227ea;
- new LFL values; and
- addition of new refrigerants.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 34w-200x, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2001)

This proposed addendum adds an informative appendix containing toxicity values for single-compound refrigerants.

Single copy price: Free

Obtain an electronic copy from:
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Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 62.1i-200x, Ventilation for Acceptable Indoor Air Quality (supplement to ANSI/ASHRAE 62.1-2004)

This proposed addendum modifies Section 6.2.9 and Note 2 of Table 6-1. More specifically, it:
- Deletes existing language stating that smoking areas shall have more ventilation than comparable no-smoking areas;
- Deletes existing language stating that specific ventilation rates cannot be determined until cognizant authorities determine an acceptable level of ETS;
- Refers to Section 5.18 (62.1g) for separation of ETS and ETS-free areas; and
- Notes that ventilation in smoking areas is not addressed.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 62.2j-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 62.2-2004)

This proposed addendum deletes Section 4.1.3 Infiltration Credit. Proponents argue it is often misinterpreted - some code officials use it to require mechanical ventilation in new housing; others think it implies that new houses are as tight as ever and should be leaky enough to provide the suggested infiltration. Opponents argue it reduces the ventilation rate in new housing, thus increasing steady-state pollutant concentrations.

Single copy price: Free

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http://www.ashrae.org/technology/page/331

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 62.2k-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 62.2-2004)

This proposed addendum deletes Exception 4.1(a) in response to recent studies of window opening patterns in California (covering much of the region described in 4.1(a)). Tha studies show that window opening by household residents is much less than expected. Window opening occurs primarily in response to thermal comfort rather than indoor contaminants. Window opening, assumed to provide the ventilation required in this exception in mild climates, should not be an acceptable alternative to the ventilation requirements.

Single copy price: Free

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http://www.ashrae.org/technology/page/331

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

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

BSR/ASHRAE 90.2k-200x, Energy Efficient Design of Low-Rise Residential Buildings (supplement to ANSI/ASHRAE 90.2-2001)

This proposed addendum removes Informative Appendix D in its entirety.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE 135f-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This second public review draft of Addendum f makes some independent substantive changes to the first public review draft. The addendum's purpose is to create a standard BACnet object that represents the physical characteristics of an access-controlled door. The object represents all the physical door hardware commonly associated with a door, and it may be commanded to be locked, unlocked or pulse-unlocked (unlocked for a specified period of time). The object can also generate alarm conditions.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE 140b-200x, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (supplement to ANSI/ASHRAE 140-2004)

In this proposed addendum, the comparative test cases of Sections 5.3.3 and 5.3.4 are revised to utilize an expanded range of performance data, an outside air mixing system and hourly varying weather data and internal gains. In these cases, the following parameters are varied:
- sensible internal gains;
- latent internal gains;
- infiltration rate;
- outside air fraction;
- thermostat set points; and
- economizer control settings.

Appendices and other sections of the standard are revised accordingly.

Single copy price: Free

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

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: ASHRAE Standards Section, standards.section@ashrae.org

BSR/ASHRAE/IESNA 90.1av-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004)

This proposed addendum clarifies how credits for overhangs will apply to louvred overhangs.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1as-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum updates the building envelope criteria for opaque assemblies in Table 5.5-1 through Table 5.5-8.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1at-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum updates the building envelope criteria for fenestration in Table 5.5-1 through Table 5.5-8.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1an-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2004)

This proposed addendum updates the efficiency requirements for commercial boilers by deleting Table 6.8.1F and replacing it with a new table of efficiencies. The table has three columns: one for efficiencies now, one for efficiencies to go into effect in 2009, and one for efficiencies to go into effect in 2019.

Single copy price: Free

Order from: standards.section@ashrae.org

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

Reaffirmations

BSR/ASHRAE 32.2-2003 (R200x), Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment (reaffirmation of ANSI/ASHRAE 32.2-2003)

This standard establishes uniform methods of testing for determing laboratory performance of pre-mix and post-mix nonfrozen beverage dispensers that are self-contained, countermounted, electrically powered, and mechanically refrigerated and that incorporate a water-bath or dry-block revervoir.

Single copy price: Free

Obtain an electronic copy from: public.review.comment@ashrae.org

Order from: public.review.comment@ashrae.org

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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

Reaffirmations

BSR/ASTM E1988-1998 (R200x), Guide for Training of Persons who Have Access to Health Information (reaffirmation of ANSI/ASTM E1988-1998)

Single copy price: $29.00

ATIS (ASC O5) (Alliance for Telecommunications Industry Solutions)

Revisions

BSR O5.2-200x, Structural Glued Laminated Timber for Utility Structures (for Wood Products) (revision of ANSI O5.2-1996 (R2001))

Provides requirements for manufacturing and quality control of structural glued laminated timber of Southern Pine, Coast Region Douglas Fir, Hem Fir and other species of similar treatability for electric power and communication structures.

Single copy price: $30.00

Order from: Steve Barclay, ATIS; sbarclay@atis.org

Send comments (with copy to BSR) to: Same

IPC (IPC - Association Connecting Electronics Industries)

New Standards

BSR/IPC 4554-200x, Specification for Immersion Tin Plating for Printed Circuit Boards (new standard)

This specification sets the requirements, including the deposit thickness based on performance criteria, for the use of Immersion Tin (ISn) as a surface finish for printed circuit boards. It is intended for use by the supplier, manufacturer, contract manufacturer (CM), and original equipment manufacturer (OEM).

Single copy price: Free

Obtain an electronic copy from: JeanneCooney@ipc.org

Order from: Jeanne Cooney, IPC; JeanneCooney@ipc.org

Send comments (with copy to BSR) to: TomNewton@ipc.org

NSF (NSF International)

Revisions

BSR/NSF 3-200x (i5), Commercial warewashing equipment (revision of ANSI/NSF 3-2003)

Issue 5 - To
(A) remove the requirement for either a self-draining pump or a drain plug on the pump; and
(B) allow the final rinse pressure gauge to read 5 to 30 psi rather than 20 ± 5 psi.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standards

BSR/SCTE 48-1-200x, Test Method for Measuring Shielding Effectiveness of Passive and Active Devices Using a GTEM Cell (new standard)

The purpose of this test is to determine the shielding effectiveness against Electromagnetic Interference (EMI) of components. This method subjects the component to an electric field of known strength.

Single copy price: Free (electronic copy)

Obtain an electronic copy from: standards@scte.org or http://www.scte.org/standards/standardsavailable.html

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

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; soksala@scte.org

Revisions

BSR/SCTE 19-200x, Methods for Isochronous Data Services Transport (revision of ANSI/SCTE 19-2001)

This proposal represents transmission format for the carriage of isochronous data services compatible with digital multiplex bitstreams constructed in accordance with ISO/IEC 13818-1 (MPEG-2 Systems). Bit rates for the data services extend from 19.2 kbps to 9.0 Mbps.

Single copy price: Free (electronic copy)

Obtain an electronic copy from: standards@scte.org or http://www.scte.org/standards/standardsavailable.html

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

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; soksala@scte.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1746-200x, Standard for Safety for External Corrosion Protection Systems for Steel Underground Storage Tanks (new standard)

Provides the third edition of the Standard for Safety for External Corrosion Protection Systems for Steel Underground Storage Tanks, UL 1746, which includes proposals discussed at the STP 58 meeting held May 2, 3 and 4, 2006.

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: Elizabeth.H.Sheppard, UL-IL; Elizabeth.H.Sheppard@us.ul.com

Revisions

BSR/UL 1699-200x, Standard for Safety for Arc-Fault Circuit-Interrupters (Bulletin dated September 22, 2006) (revision of ANSI/UL 1699-2006)

Provides:
- LCDI Trip Threshold and Supervisory Circuit Tests;
- AFCI and LCDI Cord Requirements; and
- Marking Requirements for Combination AFCIs.

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

Comment Deadline: November 21, 2006

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B47.1-200x, Gage Blanks (revision of ANSI/ASME B47.1-1988 (R2004))

This Standard covers standard designs for the following:

(a) plain and thread plug gage blanks to 12.010 in. maximum gaging diameter;
(b) plain and thread ring gage blanks to 12.260 in. maximum gaging diameter;
(c) involute and serrated spline plug and ring gage blanks to 8.000 in. major diameter;
(d) straight-sided spline plug and ring gage blanks to major diameters of 8.000 in. for plugs and 6.000 in. for rings;
(e) machine taper plug and ring gage blanks to 5.000 in. gaging diameter;
(f) adjustable snap gages to 12 in.;
(g) adjustable length gages to any desired length; and
(h) master disks up to 8.010 in. in diameter.

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: Angel Guzman, ASME; guzman@asme.org

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

New Standards

BSR/ASSE A10.40-200x, Reduction of Musculoskeletal Problems in Construction (new standard)

This standard applies to construction work where there may be risk factors, which could lead to musculoskeletal problems for construction workers. This standard does not apply to office or administrative work performed by construction companies.

Single copy price: $75.00

Obtain an electronic copy from: tfisher@asse.org

Order from: Timothy Fisher, ASSE; tfisher@asse.org

Send comments (with copy to BSR) to: Same

AWWA (American Water Works Association)

Revisions

BSR/AWWA D102-200x, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2003)

This standard describes coating systems for coating and recoating the inside and outside surfaces of steel tanks used for potable water storage in water supply service. Coating systems for new bolted steel tanks are not described in this standard (see ANSI/AWWA D103).

Single copy price: $20.00

Order from: Jim Wailes, AWWA; jwailes@awwa.org

Send comments (with copy to BSR) to: Same

CSA (CSA America, Inc.)

New Standards

★ BSR/CSA LC 4-200x, Press-Connect Copper and Copper Alloy Fittings for Use in Fuel Gas Distribution Systems (same as CSA 6.32) (new standard)

This standard applies to copper and copper alloy press-connect type fittings and valves for use with fuel gas tube systems intended for installation above ground, below ground, indoors and outdoors, for operating pressures not to exceed 125 psig for use with copper tube, 1/2 inch through 4 inches nominal size.

Single copy price: $175.00

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

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 427-200x, Standard for Safety for Refrigerating Units (new standard)

Proposes the fourth edition of the Standard for Refrigerating Units, which includes:
- new requirements for cord-connected refrigerating units;
- the deletion of Section 50 to remove specific test requirements for the testing of HBF, HF-1, and HF-2 materials and replace them with a reference to UL 94;
- revision of the scope of the standard; and
- reformatting and renumbering of the standard.

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: Jeff Prusko, UL-IL; jeffrey.prusko@us.ul.com

BSR/UL 1446-200x, Standard for Safety for Systems of Insulating Materials - General (new standard)

Submits the complete standard UL 1446, Standard for Safety for Systems of Insulating Materials - General, for ANSI approval.

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: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

New National Adoptions

BSR/UL 61131-2-200x, Standard for Safety for Programmable Controllers - Part 2: Equipment Requirements and Tests (national adoption with modifications)

Specifies requirements and related tests for programmable controllers (PLCs) and their associated peripherals that have as their intended use the control and command of machines and industrial processes. PLCs and their peripherals are intended to be used in an industrial environment and may be provided as open or enclosed equipment. The standard also applies to any products performing the function of PLCs and/or their associated peripherals. Equipment operating at more than 600V is considered high-voltage equipment with respect to the National Electrical Code.

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: Warren Casper, UL-NC; Warren.Casper@us.ul.com

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/UL 462-1997, Standard for Safety for Heat Reclaimers for Gas-, Oil-, or Solid Fuel-Fired Appliances

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:

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

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

API (Organization)
American Petroleum Institute
1220 L Street, N.W.
Washington, DC 20005
Phone: (202) 682-8565
Fax: (202) 962-4797
Web: www.api.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
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

ASSE
American Society of Safety Engineers
1800 East Oakton Street
c/o CoPS
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8832
Fax: (202) 347-7125
Web: www.atis.org

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

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

CSA
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463
:

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

IPC
IPC - Association Connecting Electronics Industries
3000 Lakeside Drive Suite 309-S
Bannockburn, IL 60015
Phone: (847) 790-5342
Fax: (847) 509-9798
Web: www.ipc.org

NSF
NSF International
P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48113-0140
Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

Send comments to:

ACCA
Air Conditioning Contractors of America
2800 Shirlington Road Suite 300
Arlington, VA 22206
Phone: (231) 854-1488
Fax: (231) 854-1488
Web: www.acca.org

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

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American Petroleum Institute
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Phone: (202) 682-8565
Fax: (202) 962-4797
Web: www.api.org

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1791 Tullie Circle, N.E.
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME
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3 Park Avenue, 20th Floor 20S2
New York, NY 10016
Phone: (212) 591-8018
Fax: (212) 591-8501
Web: www.asme.org

ASSE
American Society of Safety Engineers
1800 East Oakton Street
c/o CoPS
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221

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

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8832
Fax: (202) 347-7125
Web: www.atis.org

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

CSA
CSA International
8501 East Pleasant Valley Road
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Fax: (216) 642-3463
:

IPC
IPC - Association Connecting Electronics Industries
3000 Lakeside Drive Suite 309-S
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Phone: (847) 790-5342
Fax: (847) 509-9798
Web: www.ipc.org

NSF
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789 N. Dixboro Road
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Phone: (734) 827-6806
Fax: (734) 827-6831
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers
140 Phillips Road
Exton, PA 19341
Phone: (610) 524-1725 x204
Fax: (610) 363-5898
Web: www.scte.org

UL
Underwriters Laboratories Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3276
Fax: (847) 313-3276
Web: www.ul.com/

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

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

UL-NY
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200 x23305
Fax: (631) 439-6021

Final actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

ANSI/AAMI/ISO 10993-2-2006, Biological evaluation of medical devices - Part 2: Animal welfare requirements (identical national adoption and revision of ANSI/AAMI/ISO 10993-2-1993 (R2001)): 7/26/2006

Reaffirmations

ANSI/AAMI NS28-1988 (R2006), Intracranial pressure monitoring devices (reaffirmation of ANSI/AAMI NS28-1988 (R2001)): 7/26/2006

Supplements

ANSI/AAMI/ISO 10993-4-Amd1-2006, Biological evaluation of medical devices - Part 4: Selection of test for interactions with blood (Amendment 1) (supplement to ANSI/AAMI/ISO 10993-4-2002): 7/26/2006

ADA (American Dental Association)

New National Adoptions

ANSI/ADA 39-2006, Pit and Fissure Sealants (identical national adoption and revision of ANSI/ADA 39-1992 (R1999)): 7/26/2006

AIAA (American Institute of Aeronautics and Astronautics)

Revisions

ANSI/AIAA S-081A-2006, Space Systems - Composite Overwrapped Pressure Vessels (COPVs) (revision of ANSI/AIAA S-081-2000): 7/26/2006

API (American Petroleum Institute)

Revisions

ANSI/API Spec 7K/ISO 14693-2006a, Specification for Drilling and Well Servicing Equipment (revision of ANSI/API Spec 7K/ISO 14693, 4th edition-2005): 7/26/2006

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standards

ANSI X9.82 Part 1-2006, Random Number Generation - Part 1: Overview and Basic Principles (new standard): 7/26/2006

ASME (American Society of Mechanical Engineers)

New Standards

ANSI/ASME PTC 47-2006, Integrated Gasification Combined Cycle Plants (new standard): 7/26/2006

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI ATIS 0600401-2006, Network to Customer Installation Interface - Analog Voicegrade Switched Access Lines Using Loop-Start and Ground-Start Signaling (revision, redesignation and consolidation of ANSI T1.401-2000, ANSI T1.401a-2001, ANSI T1.401b-2002): 7/26/2006

CEMA (Conveyer Equipment Manufacturers Association)

Revisions

ANSI/CEMA 102-2006, Conveyor Terms and Definitions (revision of ANSI/CEMA 102-2002): 7/26/2006

CSA (3) (CSA America, Inc.)

Revisions

★ ANSI Z21.47-2006, Gas-Fired Central Furnaces (same as CSA 2.3) (revision of ANSI Z21.47-2003): 7/27/2006

ANSI Z83.11-2006, Gas Food Service Equipment (same as CSA 1.8) (revision, redesignation and consolidation of ANSI Z83.11-1996, ANSI Z83.11a-1997, Z83.11b): 7/27/2006

EIA (Electronic Industries Alliance)

Revisions

ANSI/EIA 676-A-2006, Specification for Parallel 1.8 Inch Drive Form Factor (78 millimeter x 54 millimeter) (revision and redesignation of ANSI/EIA 676-1996): 6/27/2006

INMM (ASC N15) (Institute of Nuclear Materials Management)

Reaffirmations

ANSI N15.51-1990 (R2006), Measurement Control Program - Nuclear Materials Analytical Chemistry Laboratory (reaffirmation of ANSI N15.51-1990 (R1996)): 7/27/2006

ISA (ASC Z133) (International Society of Arboriculture)

Revisions

ANSI Z133.1-2006, Arboricultural Operations - Safety Requirements (revision of ANSI Z133.1-2000): 7/26/2006

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

Reaffirmations

ANSI INCITS 183-1991 (R2006), Information Systems - High-Performance Parallel Interface - Mechanical, Electrical, and Signalling Protocol Specification (HIPPI-PH) (reaffirmation of ANSI INCITS 183-1991 (R2001)): 6/23/2006

NECA (National Electrical Contractors Association)

New Standards

ANSI/NECA 430-2006, Standard for Installing Medium-Voltage Switchgear (new standard): 7/27/2006

SCTE (Society of Cable Telecommunications Engineers)

Reaffirmations

ANSI/SCTE 13-2001 (R2006), Dielectric Air Leakage Test Method For Trunk, Feeder and Distribution Coaxial Cable (reaffirmation of ANSI/SCTE 13-2001): 7/26/2006

Revisions

ANSI/SCTE 24-1-2006, IPCablecom 1.0 - Part 1: Architectural Framework for the Delivery of Time Critical Services Over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-1-2001): 7/26/2006

ANSI/SCTE 24-2-2006, IPCablecom 1.0 - Part 2: Audio Codec Requirements for the Provision of Bi-directional Audio Service Over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-2-2001): 7/26/2006

ANSI/SCTE 24-3-2006, IPCablecom - Part 3: Network Call Signaling Protocol for the Delivery of Time-Critical Services over Cable Television Using Data Modems (revision of ANSI/SCTE 24-3-2004): 7/26/2006

ANSI/SCTE 24-4-2006, IPCablecom - Part 4: Dynamic Quality of Service for the Provision of Real-Time Services over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-4-2004): 7/26/2006

ANSI/SCTE 24-5-2006, IPCablecom - Part 5: Media Terminal Adapter (MTA) Device Provisioning Requirements for the Delivery of Real-Time Services over Cable Television Using Cable Modems (revision of ANSI/SCTE 24-5-2001): 7/26/2006

ANSI/SCTE 24-6-2006, IPCablecom - Part 6: IPCablecom Management Information Base (MIB) Framework (revision of ANSI/SCTE 24-6-2001): 7/26/2006

ANSI/SCTE 24-7-2006, IPCablecom - Part 7: Media Terminal Adapter (MTA) Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-7-2001): 7/26/2006

ANSI/SCTE 24-8-2006, IPCablecom - Part 8: Signaling Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-8-2001): 7/26/2006

ANSI/SCTE 24-9-2006, IPCablecom - Part 9: Event Message Requirements (revision of ANSI/SCTE 24-9-2001): 7/26/2006

ANSI/SCTE 24-10-2006, IPCablecom - Part 10: Security Specification (revision of ANSI/SCTE 24-10-2002): 7/26/2006

ANSI/SCTE 24-11-2006, IPCablecom - Part 11: Internet Signaling Transport Protocol (ISTP) (revision of ANSI/SCTE 24-11-2001): 7/26/2006

ANSI/SCTE 24-12-2006, IPCablecom - Part 12: Trunking Gateway Control Protocol (TGCP (revision of ANSI/SCTE 24-12-2001): 7/26/2006

ANSI/SCTE 24-13-2006, IPCablecom - Part 13: Electronic Surveillance Standard (revision of ANSI/SCTE 24-13-2001): 7/26/2006

Correction

Missing Standards

The standards listed in this Final Actions section were supposed to be listed in the July 28, 2006 issue of Standards Action, but were missing from that issue owing to a computer problem. We apologize for any inconvenience.

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.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60525

Contact: *Pat Schroeder*

Fax: (708) 352-6464

E-mail: pschroeder@ans.org

BSR/ANS 19.1-200x, Nuclear Data Sets for Reactor Design Calculations (revision of ANSI/ANS 19.1-2002)

Stakeholders: Nuclear reactor designers, vendors, operators, regulators, and researchers.

Project Need: Provides an update to nuclear-data libraries that are used for reactor design calculations. Creation, processing, and validation of these libraries is crucial.

This standard identifies and describes the specifications for developing, preparing, and documenting nuclear data sets to be used in reactor design calculations. The specifications include:
(a) criteria for acceptance of evaluated nuclear data sets;
(b) criteria for processing evaluated data sets and preparation of processed continuous data and averaged data sets; and
(c) identification of specific evaluated, processed continuous, and averaged data sets that meet these criteria for specific reactor types.

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 API/ASME FFS-2-200x, Example Problem Manual (new standard)

Stakeholders: Pulp and paper, refining and petrochemical, fossil electric power, and nuclear industries.

Project Need: API/ASME FFS-2 will serve as an example problem manual for API/ASME FFS-1, Fitness-For-Service. The example problem manual will demonstrate the proper use of rules in FFS-1 and provide a means to benchmark computer programs developed to automate assessment procedures.

Provides sample problems relating to API/ASME FFS-1, Fitness-For-Service.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Susan Carioti*

Fax: (202) 347-7125

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

BSR ATIS 0600008-200x, Asymmetric Digital Subscriber Line (ASDL) Transceivers-extended bandwidth (ADSL2plus) based on ITU-T Recommendation G.992.5 (new standard)

Stakeholders: Chip and system vendors in the DSL marketplace; service providers using DSL equipment.

Project Need: To specifiy the requirements for Asymmetric Digital Subscriber Line (ADSL) transceivers - extended bandwidth (ADSL2plus) for use in the United States.

This standard specifies the requirements for Asymmetric Digital Subscriber Line (ADSL) transceivers-extended bandwith (ADSL2plus) for use in the United States. This standard specifies ITU-T Recommendation G.992.5, Asymmetric Digital Subscriber Line (ADSL) transceivers-extended bandwidth (ADSL2plus) as a normative reference, identifies the optional requirements of ITU-T G.992.5 that shall be implemented for use in the United States, and identifies additional requirements applicable in the United States.

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: *Jim Wailes*

Fax: (303) 795-7603

E-mail: jwailes@awwa.org

BSR/AWWA C606-200x, Grooved and Shouldered Joints (revision of ANSI/AWWA C606-2004)

Stakeholders: Drinking water treatment and supply industry.

Project Need: To provide the minimum requirements for grooved and shouldered joints, including materials, dimensions, tolerances, finishes, tests, and testing procedures.

This standard describes grooved and shouldered joints for ductile-iron pipe, metallic pressure pipe of iron pipe size, and fittings, and other components for water service.

CEA (Consumer Electronics Association)

Office: 2500 Wilson Boulevard
Arlington, VA 22206

Contact: *Leslie King*

Fax: (703) 907-7601

E-mail: lking@ce.org

BSR/CEA 852.1-200x, Enhanced Tunneling Device Area Network Protocols Over Internet Protocol Channels (new standard)

Stakeholders: Consumer Electronics Industry.

Project Need: To create a new ANSI/CEA standard.

This standard address limitations in the CEA-852 protocol and provide improvements in performance, scalability, and robustness.

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, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

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

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

Announcement of Procedural Revisions
Comment Deadline: October 23, 2006

Comments with regard to this proposed revision should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ANSI Executive Standards Council (ExSC) at 212-840-2298. If possible, please submit comments by October 23, 2006. Mailed comments should be sent to ANSI, ExSC Recording Secretary, 25 West 43rd Street, 4th Floor, New York, NY 10036.

ANSI
American National Standards Institute

ExSC 6658

The following proposed revisions to the ANSI Patent Policy represent the consensus of the Patent Group (and the Policy Committee to which it reports, the Intellectual Property Rights Policy Committee) on the highlighted clarifications to the current Patent Policy as contained in the ANSI Essential Requirements. Additional issues are under consideration by the Patent Group on an ongoing basis and further discussions of such issues may result in additional changes to the Patent Policy in the future.

3.0 Normative American National Standards Policies

Every ANSI-Accredited Standards Developer (ASD) shall comply with the normative policies contained in this section. The ASD may choose to: 1) include the text that follows, as appropriate, in its accredited procedures along with any additional information as required; or 2) submit to ANSI a written statement of full compliance with these policies in addition to policy statements that satisfy the requirements set-forth in this section.

3.1 ANSI patent policy - Inclusion of Patents in American National Standards

There is no objection in principle to drafting an American National Standard (ANS) in terms that include the use of an essential patent claim (one whose use would be required for compliance with that standard) if it is considered that technical reasons justify this approach.

If an ANSI-Accredited Standards Developer (ASD) receives a notice that a proposed ANS or an approved ANS may require the use of such a patent claim, the procedures in this clause shall be followed.

3.1.1 Statement from patent holder

The ASD shall receive from the identified party or patent holder either:

(a) assurance in the form of a general disclaimer to the effect that such party does not hold and does not currently intend holding any essential patent claim(s); or

(b) assurance that a license to such essential patent claim(s) will be made available to applicants desiring to utilize the license for the purpose of implementing the standard either:

(i) under reasonable terms and conditions that are demonstrably free of any unfair discrimination; or

(ii) without compensation and under reasonable terms and conditions that are demonstrably free of any unfair discrimination.

3.1.2 Record of statement

A record of the patent holder's statement shall be retained in the files of both the ASD and ANSI.

3.1.3 Notice

When the ASD receives from a patent holder the assurance set forth in b above, the standard shall include a note substantially as follows:

> NOTE – The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights.
>
> By publication of this standard, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details may be obtained from the standards developer.

3.1.4 Responsibility for identifying patents

Neither the ASD nor ANSI is responsible for identifying patents for which a license may be required by an American National Standard or for conducting inquiries into the legal validity or scope of those patents that are brought to their attention.

ISO Draft International Standards

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

Comments

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

Ordering Instructions

ISO Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an Iso 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.

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 28004, Security management systems for the supply chain - Guidelines for the implementation of ISO/PAS 28000 - 12/3/2006, $125.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 28359, Information technology - Data interchange on 120 mm and 80 mm Optical Disk using +R DL Format - Capacity: 8,55 and 2,66 Gbytes per Side (Recording speed up to 8x) - 12/6/2006, $185.00

ISO/IEC DIS 28360, Information technology - Determination of Chemical Emission Rates from Electronic Equipment - 12/6/2006, $107.00

ISO/IEC DIS 28361, Information technology - Near Field Communication Wired Interface (NFC-WI) - 12/6/2006, $88.00

Newly Published ISO and IEC Standards

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

ISO Standards

ACOUSTICS (TC 43)

ISO 4869-2/Cor1:2006, Acoustics - Hearing protectors - Part 2: Estimation of effective A-weighted sound pressure levels when hearing protectors are worn - Corrigendum, FREE

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 5356-2:2006, Anaesthetic and respiratory equipment - Conical connectors - Part 2: Screw-threaded weight-bearing connectors, $35.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 286-2/Cor1:2006, ISO system of limits and fits - Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts - Corrigendum, FREE

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 10594:2006, Micrographics - Rotary camera systems - Test target for checking performance, $54.00

ERGONOMICS (TC 159)

ISO 9355-3:2006, Ergonomic requirements for the design of displays and control actuators - Part 3: Control actuators, $107.00

GEOTECHNICS (TC 182)

ISO 22475-1:2006, Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 1: Technical principles for execution, $41.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 10303-224:2006, Industrial automation systems and integration - Product data representation and exchange - Part 224: Application protocol: Mechanical product definition for process planning using machining features, $223.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 21127:2006, Information and documentation - A reference ontology for the interchange of cultural heritage information, $170.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 8178-1:2006, Reciprocating internal combustion engines - Exhaust emission measurement - Part 1: Test-bed measurement of gaseous and particulate exhaust emissions, $180.00

MICROBEAM ANALYSIS (TC 202)

ISO 16592:2006, Microbeam analysis - Electron probe microanalysis - Guidelines for determining the carbon content of steels using a calibration curve method, $61.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 10110-11/Cor1:2006, Optics and optical instruments - Preparation of drawings for optical elements and systems - Part 11: Non-toleranced data - Corrigendum, FREE

OTHER

ISO 17071:2006, Leather - Physical and mechanical tests - Determination of fogging characteristics, $66.00

ISO 17076:2006, Leather - Physical and mechanical tests - Determination of abrasion resistance of automotive leather, $41.00

ISO 17230:2006, Leather - Physical and mechanical tests - Determination of water penetration pressure, $35.00

ISO 17231:2006, Leather - Physical and mechanical tests - Determination of water repellency of garment leather, $48.00

ISO 17232:2006, Leather - Physical and mechanical tests - Determination of heat resistance of patent leather, $48.00

ISO 22288:2006, Leather - Physical and mechanical tests - Determination of flex resistance by the vamp flex method, $41.00

PAINTS AND VARNISHES (TC 35)

ISO 1248:2006, Iron oxide pigments - Specifications and methods of test, $87.00

PAPER, BOARD AND PULPS (TC 6)

ISO 5350-4:2006, Pulps - Estimation of dirt and shives - Part 4: Instrumental inspection by reflected light using Equivalent Black Area (EBA) method, $54.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 8773:2006, Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP), $87.00

PLASTICS (TC 61)

ISO 15270:2006, Plastics - Guidelines for the recovery and recycling of plastics waste, $66.00

POWDER METALLURGY (TC 119)

ISO 7625:2006, Sintered metal materials, excluding hardmetals - Preparation of samples for chemical analysis for determination of carbon content, $35.00

PROSTHETICS AND ORTHOTICS (TC 168)

ISO 10328:2006, Prosthetics - Structural testing of lower-limb prostheses - Requirements and test methods, $180.00

ISO 22523:2006, External limb prostheses and external orthoses - Requirements and test methods, $160.00

ISO 22675:2006, Prosthetics - Testing of ankle-foot devices and foot units - Requirements and test methods, $160.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 247:2006, Rubber - Determination of ash, $35.00

ISO 1409:2006, Plastics/rubber - Polymer dispersions and rubber latices (natural and synthetic) - Determination of surface tension by the ring method, $48.00

ISO 9028:2006, Rubber - Dissolution by acid digestion, $35.00

SMALL CRAFT (TC 188)

ISO 12402-6:2006, Personal flotation devices - Part 6: Special purpose lifejackets and buoyancy aids - Safety requirements and additional test methods, $77.00

TEXTILES (TC 38)

ISO 105-E16:2006, Textiles - Tests for colour fastness - Part E16: Colour fastness to water spotting on upholstery fabrics, $41.00

THERMAL INSULATION (TC 163)

ISO 10077-1:2006, Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 1: General, $107.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 3776-1:2006, Tractors and machinery for agriculture - Seat belts - Part 1: Anchorage location requirements, $35.00

ISO Technical Reports

FLUID POWER SYSTEMS (TC 131)

ISO/TR 17165-2:2006, Hydraulic fluid power - Hose assemblies - Part 2: Recommended practices for hydraulic hose assemblies, $82.00

PROSTHETICS AND ORTHOTICS (TC 168)

ISO/TR 22676:2006, Prosthetics - Testing of ankle-foot devices and foot units - Guidance on the application of the test loading conditions of ISO 22675 and on the design of appropriate test equipment, $139.00

ISO Technical Specifications

DENTISTRY (TC 106)

ISO/TS 22595-1:2006, Dentistry - Plant area equipment - Part 1: Suction systems, $77.00

GEOTECHNICS (TC 182)

ISO/TS 22475-2:2006, Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 2: Qualification criteria for enterprises and personnel, $41.00

ROAD VEHICLES (TC 22)

ISO/TS 16332:2006, Diesel engines - Fuel filters - Method for evaluating fuel/water separation efficiency, $92.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9796-3:2006, Information technology - Security techniques - Digital signature schemes giving message recovery - Part 3: Discrete logarithm based mechanisms, $139.00

ISO/IEC 21000-17:2006, Information technology - Multimedia framework (MPEG-21) - Part 17: Fragment Identification of MPEG Resources, $112.00

IEC Standards

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-12 Ed. 2.0 b:2006, Electromagnetic compatibility (EMC) - Part 4-12: Testing and measurement techniques - Ring wave immunity test, $110.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 61076-3-106 Ed. 1.0 b:2006, Connectors for electronic equipment - Product requirements - Part 3-106: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface, $139.00

FIBRE OPTICS (TC 86)

IEC 60793-1-47 Ed. 2.0 b:2006, Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss, $45.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 61804-2 Ed. 2.0 en:2006, Function blocks (FB) for process control - Part 2: Specification of FB concept, $157.00

OTHER

CISPR 16-1-1 Amd.1 Ed. 2.0 b:2006, Amendment 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, $20.00

ROTATING MACHINERY (TC 2)

IEC 60034-5 Amd.1 Ed. 4.0 b:2006, Amendment 1 - Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification, $18.00

SEMICONDUCTOR DEVICES (TC 47)

IEC/PAS 62483 Ed. 1.0 en:2006, Test method for measuring whisker growth on tin and tin alloy surface finishes, $101.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-1 Ed. 2.0 b:2006, Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics, $45.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Cook

Public Review: July 7 to October 5, 2006

icn

Public Review: September 22 to December 21, 2006

intercomputer

Public Review: September 22 to December 21, 2006

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

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

Proposed Foreign Government Regulations

Call for Comment

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

Call for Proposals

ANSI Z223.1/NFPA 54-2006

Proposal Deadline: November 22, 2006

The ANSI ASC Z223 and the NFPA 54 Committees announce a Call For Proposals on the ANSI Z223.1/NFPA 54-2006, National Fuel Gas Code. Proposals must be received by November 22, 2006, for them to be considered for the 2009 edition of the code. Proposals may be submitted either on the joint AGA/NFPA proposal form or can be submitted electronically on either organization's websites. The two committees will jointly act on all proposals and their actions will be published as the NFPA Report on Proposals.

The National Fuel Gas Code provides criteria on most aspects of fuel-gas installations on consumer premises. Coverage includes gas piping materials, system design, installation and inspections; combustion air; equipment venting; and specific equipment installation criteria. The code is used by many local gas utilities and officials of federal, state, and local governments to judge the acceptability of fuel-gas installations. Many of the code's provisions are extracted into the International Fuel Gas Code and the Uniform Plumbing and Mechanical Codes. Appliance manufacturers as part of their certified installation instructions also reference the code.

Interested persons can submit their proposals to either the American Gas Association or the National Fire Protection Association. Downloadable forms and on-line submittals are available on both organizations' websites.

For submittal forms and on-line submittals via the web: www.aga.org/nfgc or www.nfpa.org.

For additional guidance and information contact Paul Cabot, American Gas Association, 400 N. Capitol St., NW, Washington, DC 20001; PHONE: (202) 824-7312; FAX: (202) 824-9122; e-mail: pcabot@aga.org.

Tentative Interim Amendment

ANSI C2-2007, National Electrical Safety Code

Comment Deadline: October 23, 2006

IEEE announces the availability of the Tentative Interim Amendments to the National Electrical Safety Code, C2-2007 for public review for 30 days:

TIA 2007-01 makes a new Rule 110A2.

Copies may be obtained from: Bill Ash, Secretary, NESC Committee, 445 Hoes Lane, Piscataway, NJ 08854; E-mail: w.ash@ieee.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

American Petroleum Institute (API)

ANSI's Executive Standards Council has approved the reaccreditation of the American Petroleum Institute (API) under revised operating procedures for documenting consensus on proposed American National Standards, effective September 14, 2006. For additional information, please contact: Mr. David Soffrin, Manager, Downstream Standards, American Petroleum Institute, 1220 L Street NW, Washington, DC 20005; PHONE: (202) 682.8157; FAX: (202) 962-9747; E-mail: soffrind@api.org.

Correction

Administrative Reaccreditation of Business and Institutional Furniture Manufacturers Association (BIFMA)

An announcement in the September 15th issue of Standards Action indicated that the Building and Institutional Furniture Manufacturers Association was reaccredited. The announcement should have stated that the Business and Institutional Furniture Manufacturers Association (BIFMA) was administratively reaccredited at the direction of the Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2006 version of the ANSI Essential Requirements, effective August 24, 2006. For additional information, please contact: Mr. Richard Driscoll, Manager of Administration, BIFMA International, 2680 Horizon Drive, S.E., Suite 1-A, Grand Rapids, MI 49546; PHONE: (616) 285-3963; FAX: (616) 285-3765; E-mail: rdriscol@bifma.org.

International Organization for Standardization (ISO)

ISO Technical Management Board (TMB)

Three ISO/IEC Draft Guides

Comment Deadline: November 3, 2006

ISO has submitted for Member Body vote three ISO/IEC Draft Guides developed under the ISO Technical Management Board (TMB) as follows:

1) ISO/IEC DGuide 77-1 Guide for specification of product properties and classes – Part 1: Fundamental benefits

The scope of which is:

This Guide provides general advice and guidance for the description of products and their properties for the creation of compute- processible product libraries, catalogues and data dictionaries. This description will provide the details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost effective and timely manner.

The guidance in Part 1 of the Guide is intended to assist the following groups:

- Convenors and members of ISO Technical Committees;
- Managers and technical experts in manufacturing industry.

The intention of Part 1 of this Guide is to provide an overview of the needs and benefits and the process of creating product libraries, catalogues and data dictionaries.

The following items are within the scope of this part of the Guide:

- Product data in the supply chain;
- Business context of product data management;
- International standard activities;
- Benefits of International standards;
- Procedure for creating data dictionaries;
- Resources required;
- Assessment of savings;
- Sources of information and expertise.

The following items are out of the scope of this Part of the Guide:

- Technical guidance for the creation of product libraries and dictionaries;

NOTE 1: Technical guidance for the creation of product libraries and dictionaries is provided in Part 2 of the Guide.

- Case studies from the experiences of the creation of dictionaries of product information in industrial practice.

NOTE 2: Case studies from the experiences of the creation of product libraries and dictionaries is provided in Part 3 of this Guide.

2) ISO/IEC DGuide 77-2 Guide for specification of product properties and classes – Part 2: Technical principles and guidance

The scope of which is:

This Guide provides general advice and guidance for the description of products and their characteristics by the use of ISO 13584 and IEC 61360 for the creation of computer-processible reference dictionaries. This description will provide the details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost-effective and timely manner.

The guidance in Part 2 of this Guide is intended to assist the following groups:

- Technical experts contributing their knowledge to the development of standard reference dictionaries,
- Information experts responsible for the generation of applications of ISO 13584 and IEC 61360.

The intention of Part 2 of the Guide is to support the achievement of industrial benefits of applications of the ISO/IEC model.

The following are within the scope of Part 2 of the Guide:

- General principles of product description and characterization;
- Presentation of the concepts of product characterization classes, product properties, product ontology and reference dictionaries for products;
- Universal identification of classes and properties;- Presentation of the modeling constructs that may be used for building reference dictionary conforming to the ISO/IEC model;
- Rules and principles for developing standard reference dictionaries;
- Rules and principles for connecting standard reference dictionaries to avoid duplication and overlap;
- Rules and principles for developing user-defined reference dictionaries and for connecting user-defined reference dictionaries to standard reference dictionaries;
- Formats and mechanisms for exchanging reference dictionaries.
- Mechanisms for connecting reference dictionaries to classification systems.

The following are out of the scope of Part 2 of the Guide:

- An overview for ISO Technical Committees and industrial managers for the development of computer-processible product libraries, reference dictionaries and catalogues;

NOTE 1: An overview of the development of computer-processible product libraries, reference dictionaries and catalogues is provided in Part 1 the Guide.

3) ISO/IEC DGuide 77-3 Guide for specification of product properties and classes – Part 3: Case studies

The scope of which is:

This Guide provides general advice and guidance for the description of products and their characteristics by the use of ISO 13584 and IEC 61360 for the creation of computer-processible product libraries, catalogues and reference dictionaries. This description will provide the

details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost effective and timely manner.

The guidance in Part 3 of the Guide is intended to assist the following groups:

- Convenors and members of ISO Technical Committees;
- Managers and technical experts in manufacturing industry.
- Technical experts contributing their knowledge to the development of reference dictionaries, data bases and product libraries;
- Information experts responsible for the generation of applications of ISO 13584.

The intention of Part 3 of the Guide is provide practical information of the experience gained in the successful creation of product reference dictionaries within ISO and IEC. The following are within the scope of this Part:

- Experience of developing a reference dictionary for cutting tools;
- Experience of developing a reference dictionary for electronic components;
- Experience of creating a system for the maintenance of a reference dictionary for measuring instruments;
- Experience of developing a reference dictionary for fasteners.

The following are out of the scope of this Part:

- An overview for ISO Technical Committees and industrial managers for the development of computer-processible product libraries, reference dictionaries and catalogues;

  NOTE 1: An overview of the development of computer-processible product libraries, reference dictionaries and catalogues is provided in Part 1 the Guide.

- Technical guidance for the creation of product libraries and dictionaries.

  NOTE 2: Technical guidance for the creation of product libraries and dictionaries is provided in Part 2 of the Guide.

A copy of each of the proposals can be obtained for review by contacting Henrietta Scully via email at hscully@ansi.org. Comments on these Draft Guides should be submitted by Friday, November 3rd, 2006 to Steven Cornish via e-mail: scornish@ansi.org.

Proposal for a New Field of ISO Technical Work on Project Management

Comment Deadline: November 3, 2006

BSI (United Kingdom) has submitted to ISO a new work item proposal for a new ISO standard on "Project management - Guide to project management" with the following scope statement:

This standard provides generic guidance on the planning and realization of projects and the application of project management techniques. It has broad relevance to projects in many industries and the public sector. It draws attention to the management problems encountered in different project environments and provides possible solutions to those problems.

It provides generic guidance to the principles and procedures which are relevant to organizations of all sizes although it may not cover all aspects of every type and size of project.

Application of the principles and procedures in different industrial and public sector environments (which may have unique and particular emphases and priorities) may require that the solutions presented should be treated as guidance only and that they may need to be adapted to suit the particular circumstances for which they are being considered.

A copy of the proposal can be obtained for review by contacting Henrietta Scully via email at hscully@ansi.org.

Responses sent to Steven Cornish via e-mail: scornish@ansi.org by Friday, November 3, 2006 will be compiled and used as the basis for a recommended ANSI position and any comments will be presented for the AIC's endorsement to be submitted to ISO.

Meeting Notice

ANSI-Accredited U.S. TAG to ISO/TC 229 – Nanotechnologies

The ninth meeting of the ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will take place October 19-20, 2006 at the offices of GE in Washington, DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

Second Public Review
BSR/ACCA 5 QC/QI-200x
HVAC Quality Installation Specification

Resultant from the First ANSI Public Review (5 May 2006 through 19 June 2006), a number of comments were received by ACCA and reviewed by the ACCA QI Specification Committee. The subsequent Committee comment review and incorporation of suggested changes resulted in four (4) substantial changes to the HVAC Quality Installation Specification:

1). Sections pertaining to *Quality Contractor* requirements (Previously QI Part 1) were moved from the body of the specification to an informative appendix. References, within the body of the text, to QC being required elements were eliminated. The remaining document elements (e.g., *Quality Installation* elements; previously Part II) were renumbered.

2). §4.1 on "Airflow Across Indoor Heat Exchangers" (previous section QI-2.1) was rewritten. Principle change was the addition of subsections to address cooling and heating applications separately and new requirements for gas- and oil-fired heat equipment. (See revised Section 4.1 in its entirety below.)

3). §4.2 on "Refrigerant Charge" (previous section QI-2.2) was revised to eliminate the "weigh-in" method as a requirement and as an acceptable procedure for determining proper refrigerant charge of the system.

4). §4.4 on "On-Rate for Fuel-Fired Equipment" (previous section QI-2.4) was rewritten. Principle change was to address gas and oil applications in separate subsections. (See revised Section 4.4 in its entirety below.)

These changes have been recommended for public review by the cognizant project committee. Comments and revision recommendations on these four changes are to be sent to Dick Shaw at dick.shaw@acca.org.

4.1 AIRFLOW ACROSS INDOOR HEAT EXCHANGERS

The contractor shall verify that the airflow across the indoor heat exchanger is within acceptable ranges.

4.1.1 REQUIREMENTS

The contractor shall provide evidence of the following for the measured airflow across the indoor heat exchanger for installed systems (with all accessories and system components in place) [1]:

a) For cooling coil (e.g., refrigerant, water) and heat pump applications
   i. Airflow across the coil, at fan design speed and full operating load, is within 15% of the airflow required per the system design. and
   ii. Airflow across the coil is within the range recommended by the OEM product data[2]

b) For gas- or oil-fired heat exchanger applications
   i. Airflow, across the heat exchanger, at fan design speed and full operating load, is within 15% of the airflow required per the system design.
   ii. Airflow across the indoor heat exchanger is within the range recommended by the OEM product data
   iii. Heat exchanger airflow requirements shall be considered separately from any combined and attached cooling coils sharing the same distribution duct system.

4.1.2 ACCEPTABLE PROCEDURES

The contractor shall test using one or all of the following acceptable devices for fulfilling the desired criteria:

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[1] When verifying airflow at full design fan speed, there is little distinction between a split capacitor fan motor (PSC) or a variable speed fan motor (e.g., electronically commutated motor; ECM). See "Fan Airflow" in Appendix B. Note: ECM fan motors are designed to modify their RPMs in order to provide a prescribed (programmed) air volume in response to static pressure conditions (actually torque on the output shaft). Hence, an ECM may use more or less power than a comparable PSC motor in the same application.

[2] Airflow across the coil is typically between 350 to 450 CFM per ton

a) Pressure matching method[3]
b) An anemometer (e.g., hot wired, rotary style) or other methods (e.g., transverse pitot tubes) for measuring total static and velocity pressures to determine airflow velocity in several traversing locations per AABC, NEBB, or ASHRAE procedures
c) Flow grid measurement method
d) A manometer to determine the pressure drop across a clean cooling coil or fan coil unit and compare with values from the OEM CFM/pressure drop coil tables
e) The temperature rise method (for heating equipment only – gas or oil furnace, electric heat) to verify proper airflow across the heat exchanger or heater elements. [Note: It is not acceptable to use the temperature rise method for cooling (i.e., airflow over the indoor coil).]

4.1.3 ACCEPTABLE DOCUMENTATION

a) Documented field data and calculations recorded on start-up sheet
b) Documented field data and calculations recorded on service records
c) Written job documentation or checklist in job file

4.4 ON-RATE FOR FUEL-FIRED EQUIPMENT

The contractor shall ensure the equipment "on-rate" (BTU/H input during steady-state operation) for gas-fired or oil-fired equipment is at the equipment nameplate value.

4.4.1 REQUIREMENTS

a) Gas-Fired Equipment:
The contractor shall provide evidence of the following:
i. Firing rate within 5% of nameplate input for gas equipment (or per OEM specifications)
ii. Temperature rise per nameplate

iii. b). Oil-Fired Equipment:
The contractor shall provide evidence of the following:
i. Correct nozzle flow rate and spray angle for correct firing rate per nameplate input,
ii. Correct oil pump pressure for nozzle installed and at OEM's specified values, and
iii. Temperature rise per nameplate

4.4.2 ACCEPTABLE PROCEDURES

a) Gas-Fired Equipment:
The contractor shall test using both of the following acceptable procedures for fulfilling the desired criteria:
i. Clocking the meter or other fuel input measurement per OEM instructions, and
ii. Measuring the temperature rise at steady state conditions (with airflow first verified by §4.1) – furnaces only.

NOTE: Combustion analysis may be necessary in some cases.

b) Oil-Fired Equipment:
The contractor shall fulfill the following criteria
i. Verify nozzle or alternate input nozzle per OEM installation or oil burner instructions.
ii. Adjust oil pump pressure with a dial or electronic gauge designed for oil pressure measurement
iii. Measure the temperature rise at steady-state conditions (with airflow first verified by §4.1) –furnaces only.
iv. Perform a combustion analysis per OEM installation or oil burner instructions.[4]

4.4.3 ACCEPTABLE DOCUMENTATION

a) Documented field measurements
b) Written job documentation or checklist in job file

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[3] Use of a calibrated fan to match the supply plenum pressure and measure the system airflow through an active fan.

[4] Combustion analysis is necessary when setting up an oil burner. Additionally, new oil-fired equipment no longer standardizes the pump pressure at 100 psig. Hence, incorrect pump pressure may result in an incorrect input rate for the equipment.

BSR/ASHRAE/ACCA Standard 183P

Public Review Draft

ASHRAE/ACCA® Standard

Proposed New Standard 183, *Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings*

Third Public Review (September 2006)
(Draft Shows Independent Substantive Changes to Previous Public Review Draft)

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 ASHRAE Board of Directors and ANSI. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-527-4723 (for orders in the U.S. or Canada).

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 the 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 to ASHRAE or ANSI)

Foreword

This third public review draft of proposed Standard 183 makes independent substantive changes to the second public review draft. Proposed Standard 183 was created by a collaborative effort between ASHRAE and ACCA, the Air Conditioning Contractors of America. It establishes minimum requirements for performing peak cooling and heating load calculations for buildings except low-rise residential buildings.

Note to Reviewers: In this proposed addendum, changes to the second public review draft 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.

[Revise Section 9.2 as shown below.]

9. Heating Load

9.1. Heating load calculations shall be based on peak temperature-driven heat loss through the building envelope.

9.2. Credit for solar heat gains and for internal heat gains shall not be included as part of the calculation of the peak heating load.

Exception to 9.2: Where internal heat gains are known to be present in the zone to be heated, the peak heating load may be adjusted to account for these available heat gains.

9.3. Infiltration shall be accounted for when it exists.

9.4. Heating load calculations shall account for cold processes or equipment in the zone that absorbs heat (for example, some refrigerated cases).

BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 34-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum d to Standard 34-2004, *Designation and Safety Classification of Refrigerants*

Second Public Review (*September* 2006) (Draft Shows Proposed Changes to the First Public Review)

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

Addendum d to ANSI/ASHRAE Standard 34-2004

Second Public Review – Independent Substantive Change to the First Public Review

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FOREWORD

This proposed addendum adds the requirement for refrigerant applications in electronic format in addition to the printed copies.

Note: In this addendum, changes to the previous public review 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.

Proposed Addendum *d* to ANSI/ASHRAE Standard 34-2004

8.8.3 Written Form. Required information and evidence must be submitted in both printed and electronic formats.

8.8.4 Format. Applications shall be provided on 8½-by-11-inch or A4 (21-by-29.7cm) paper. Reproductions may be either single- or double-sided (on one or both sides of the paper). Pages shall be bound using a cover that facilitates disassembly, insertion of supplementary pages, and reassembly without staples or binding machines, such as three-ring binders or covers with three bend-over tabs (standard two– or four-ring binders or covers with two bend over tabs for A4 paper). Tabbed dividers shall be inserted before each part identified in 8.2 except the cover.

8.8.5 Quantity. Thirty-five bound copies shall be provided for committee and administrative use plus one unbound set for further reproduction by ASHRAE if needed. In addition, 35 compact disks with the application in electronic format shall be provided. The electronic format shall be a readily accepted word processing file or true pdfPDF files. A sScanned pdf PDF files with large memory requirements are is discouraged not acceptable except for figures and other inserts. Committee members may request only the compact disk, thereby reducing the number of bound paper copies required.

BSR/ASHRAE Addendum i
to ANSI/ASHRAE Standard 34-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum i to Standard 34-2004, *Designation and Safety Classification of Refrigerants*

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Addendum i to ANSI/ASHRAE Standard 34-2004

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FOREWORD

This proposed addendum adds a designation of R-426A to the blend R-125/134a/600/601a (5.1/93.0/1.3/0.6) with tolerances of (±1.0/ ±1.0/+0.1,-0.2/+0.1,-0.2) and a safety classification of A1.

Note: This independent substantive change corrects a typographical error present in the first public review of the composition of R-426A.

Proposed Addendum *i* to ANSI/ASHRAE Standard 34-2004

Add to Table 2 the following entries for R-426A:

TABLE 2
Data and Safety Classifications for Refrigerant Blends

Refrigerant Number	Composition (Mass %)	Composition Tolerances	Safety Group
426A	R-125/134a/~~600a~~600/601a (5.1/93.0/1.3/0.6)	(±1.0/±1.0/+0.1,-0.2/+0.1,-0.2)	A1

BSR/ASHRAE Addendum j
to ANSI/ASHRAE Standard 34-2004

Public Review Draft

ASHRAE® Standard

Proposed Addendum j to Standard 34-2004, *Designation and Safety Classification of Refrigerants*

First Public Review (September 2006) (Draft Shows Proposed Changes to the current standard)

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Addendum to ANSI/ASHRAE Standard 34-2004

First Public Review

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FOREWORD

This proposed addendum adds a designation of R-427A to the blend R-32/125/143a/134a (15.0/25.0/10.0/50.0) with tolerances of (±2.0/±2.0/±2.0/±2.0) and a safety classification of A1.

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.

Proposed Addendum *j* to ANSI/ASHRAE Standard 34-2004

Add to Table 2 the following entries for R-427A:

TABLE 2
Data and Safety Classifications for Refrigerant Blends

Refrigerant Number	Composition (Mass %)	Composition Tolerances	Safety Group
427A	R-32/125/143a/134a/ (15.0/25.0/10.0/50.0)	(±2.0/±2.0/±2.0/±2.0/)	A1

BSR/ASHRAE Addendum l
to ANSI/ASHRAE Standard 34-2004

Public Review Draft

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Proposed Addendum l to Standard 34-2004, *Designation and Safety Classification of Refrigerants*

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FOREWORD

This proposed addendum adds a designation of R-428A to the blend R-125/143a/290/600a (77.5/20.0/0.6/1.9) with tolerances of (±1.0/±1.0/+0.1,-0.2/+0.1,-0.2) and a safety classification of A1.

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Proposed Addendum *l* to ANSI/ASHRAE Standard 34-2004

Add to Table 2 the following entries for R-428A:

TABLE 2
Data and Safety Classifications for Refrigerant Blends

Refrigerant Number	Composition (Mass %)	Composition Tolerances	Safety Group
428A	R-125/143a/290/600a (77.5/20.0/0.6/1.9)	(±1.0/±1.0/+0.1,-0.2/+0.1,-0.2)	A1

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

Public Review Draft

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

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Addendum aq to ANSI/ASHRAE/IESNA Standard 90.1-2004

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Foreword

The latest edition of CTI Standard 201 is dated 2004. This edition made minor procedural changes facilitating certification as well as expanded the range of wet bulbs covered by the certification standard.

Expansion of the range of wet bulbs covered by the certification program allows manufacturers in more areas of the world to perform certification tests locally (for example, a Dutch manufacturer can test locally at lower wet bulbs rather than ship their towers to the United States for testing). This change encourages more manufacturers to certify their cooling towers.

The format of both standards should also be updated to match that used by the Cooling Technology Institute. Both of these CTI Standards in their current form remain compatible with their use in the 90.1 Energy Standard.

The dates shown are the most recent dates as of addendum "ak". The current standard shows CTI ATC-105(97) and CTI STD-201(95).

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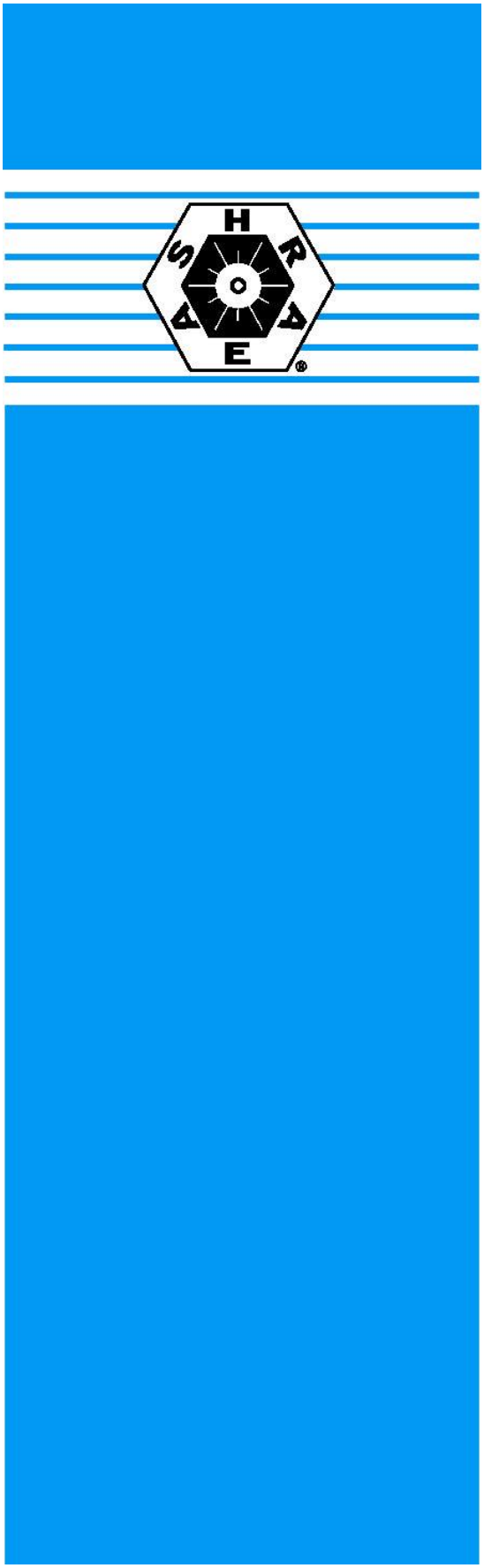
Addendum aq to 90.1-2004

Make the following changes to the S-I and I-P Edition

Reference	Title
CTI ATC-105 – 2~~000~~ (00)	Acceptance Test Code for Water Cooling Towers
CTI STD-201 – ~~2002~~ (04)	Standard for the Certification of Water-Cooling Tower Thermal Performance



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

Public Review Draft

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

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Addendum ap to ANSI/ASHRAE/IESNA Standard 90.1-2004

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Foreword

This change clarifies the intent of the "sales area" space type and the appropriate application of the retail additional lighting power allowances. The inclusion of "sales area" in the common column confirms that sales areas can occur in many building types. The relocation of the reference note in the retail building type section confirms that the retail additional allowances are meant to be applied to sales areas regardless of what building type they exist in.

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Addendum ap to 90.1-2004

Make the following changes to the S-I Edition

TABLE 9.6.1 (continued) Lighting Power Densities Using the Space-by-Space Method

Common Space Types[a]	LPD (W/m2)	Building Specific Space Types	LPD (W/m2)
Electrical/Mechanical	16	Bank/Office—Banking Activity Area	16
Workshop	20	Religious Buildings	
Sales Area [For accent lighting, see 9.6.2 (b)]	18	Worship Pulpit, Choir	26
		Fellowship Hall	10
		Retail [For accent lighting, see 9.3.1.2.1(c)]	
		Sales Area [For accent lighting, see 9.6.2 (b)]	18
		Mall Concourse	18

Make the following changes to the I-P Edition

TABLE 9.6.1 (continued) Lighting Power Densities Using the Space-by-Space Method

Common Space Types[a]	LPD (W/ft2)	Building Specific Space Types	LPD (W/ft2)
Electrical/Mechanical	1.5	Bank/Office—Banking Activity Area	1.5
Workshop	1.9	Religious Buildings	
Sales Area [For accent lighting, see 9.6.2 (b)]	1.7	Worship Pulpit, Choir	2.4

Addendum ap to ANSI/ASHRAE/IESNA Standard 90.1-2004,

First Public Review Draft

	Fellowship Hall	0.9
	Retail ~~[For accent lighting, see 9.3.1.2.1(c)]~~	
	Sales Area [For accent lighting, see 9.6.2 (b)]	1.7
	Mall Concourse	1.7

The rest of the table remains unchanged

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

Public Review Draft

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

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Foreword

This change recognizes the practical design application of excluding bathroom lighting from "master" switch control in hotel/motel guest rooms and adds a requirement to eliminate wasted light in guest room bathrooms. Recent research work shows that approximately 80% of the wasted guestroom bathroom lighting can be saved with a 60 minute limit. The 60 minute limit also provides ample time for any potential safety or convenience concerns related to bathrooms. The 5 watt allowance for night lights recognizes the practical current design application of guestroom bathroom nightlight use but at a reasonable low level.

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Addendum aw to 90.1-2004

Revise as follows for S-I and I-P versions

9.4.1.4 Additional Control.

(c) ~~*Hotel and Motel* Guest Room Lighting—~~ ~~hotel and motel guest rooms and guest suites shall have a master *control device* at the main room entry that *controls* all *permanently installed luminaires* and switched receptacles~~ Guestrooms in hotels, motels, boarding houses or similar buildings shall have one or more *control device(s)* at the entry door that collectively *control* all *permanently installed luminaires* and switched receptacles, except those in the bathroom(s). Suites shall have *control(s)* meeting these requirements at the entry to each room or at the primary entry to the suite. Bathrooms shall have a *control device* installed to automatically turn off the bathroom lighting, except for night lighting not exceeding 5 watts, within 60 minutes of the occupant leaving the space.

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

Public Review Draft

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Foreword

Under the Energy Policy Act of 2005, Section 135 (aa), all unit heaters manufactured on and after August 8, 2008 for use in the United States must be equipped with an intermittent ignition device, and have power venting or an automatic flue damper. This footnote would help to update the ASHRAE standard so that users are aware of the new federal law. Also, as is done for other products in 90.1, the acceptability of vent dampers on units installed in the conditioned space should be recognized.

Also, there is a precedent for this type of footnote in the standard. In footnotes c and f for this table in 90.1-2004, the wording is "units must also include an interrupted or intermittent ignition device (IID), and have either power venting or a flue damper." In addition, footnotes c and f state "A vent damper is an acceptable alternative to a flue damper for those furnaces where combustion air is drawn from the conditioned space."

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Addendum ao to 90.1-2004

Make the following changes to the I-P and S-I Edition

Table 6.8.1E Warm Air Furnaces and Combination Warm Air Furnaces/Air Conditioning Units, Warm Air Duct Furnaces and Unit Heaters

Warm Air Unit Heaters, Gas-Fired	All Capacities	Maximum Capacity[e]	80% $E_c^{g,\underline{h}}$	ANSI Z83.8
Warm Air Unit Heaters, Oil-Fired	All Capacities	Maximum Capacity[e]	80% $E_c^{g,\underline{h}}$	UL 731

h. As of August 8, 2008, per the Energy Policy Act of 2005, units must also include an interrupted or intermittent ignition device (IID), and have either power venting or an automatic flue damper. A vent damper is an acceptable alternative to a flue damper for those unit heaters where combustion air is drawn from the conditioned space.

The remainder of the Table and footnotes remain unchanged.

BSR/ASHRAE/IESNA Addendum ar
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Foreword

The cost of the technology used to allow for the reduction in power of 30% at 50% air volume has improved and can be extended from 15 HP to 10 HP. The Mechanical Subcommittee has conducted an economic analysis for a typical VAV unit where these size motors would be used. The savings at various static's would be:

- *0.40 static kw-hr savings = 4520 kWh reduction/yr*
- *1.0 static kw-hr savings = 4519 kWh reduction/yr*
- *1.5 static kw-hr savings = 4519 kWh reduction/yr*

Using industry cost data we found a payback of 0.6 years for a typical VAV application. A sensitivity study, with ± 25% operating hours, changes the payback from 0.75 to 0.45 hours which substantiates the change.

Also note that this change will align the requirements in 90.1-2004 with the IECC which has already lowered the limit to 10 HP.

The study also indicates that there may be a possibility to lower the fan power limitation requirement and further studies are being considered by the mechanical subcommittee.

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Addendum ar to 90.1-2004

Make the following changes to the S-I

6.5.3.2.1 **Part-Load Fan Power Limitation.** Individual VAV fans with motors ~~11~~ 7.3 kW and larger shall meet one of the following:

Make the following changes to the I-P

6.5.3.2.1 **Part-Load Fan Power Limitation.** Individual VAV fans with motors ~~15~~ 10 hp and larger shall meet one of the following: