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Contents

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

⋆ Standard for consumer products

ISSN 0038-9633

Comment Deadline: November 23, 2003

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

Supplements

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

This proposed addendum modifies exception d to Section 6.3.6.1 to define commercial kitchen hoods per IMC (International Mechanical Code). IMC defines a Type 1 hood as a kitchen hood for collecting and removing grease vapors, and smoke. The change was made because the project committee discovered that NFPA 96 does not contain a Type 1 classification for kitchen hoods as stated in exception d. And since the wording is now the same as that in the IMC, there is no need to reference it.

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

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

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

This proposed addendum expands the exceptions to the requirement for automatic shut-off of lighting to include lighting in spaces where patient care is rendered and spaces where they would endanger safety or security: critical maintenance areas and other areas with dangerous equipment or materials such as an elevator machine rooms, industrial processes, and hazardous materials storage.

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

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

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

This addendum adds requirements for demand control ventilation (DCV) in single zone systems serving spaces with high design occupant density. This type of energy-saving control strategy has become increasingly popular as more manufacturers began offering the required components and prices for the equipment have significantly decreased. Existing requirements for the application of DCV to larger, multiple-zone systems serving spaces with very high design occupant density remain unchanged.

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

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

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

The proposed addendum adds a fan power limitation to continuously running parking garage fans. The limit may be used in place of automatic shut off controls.

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

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

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

This addendum changes the limitation on VAV fan motor requirements from 30 hp (22 kW) to 15 hp (11 kW). The reduction to 15 hp (11 kW) from 30 hp (11 kW) is justifiable since the cost of VFD's has decreased significantly over the past few years.

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

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

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

This change clarifies the language in the exception to Section 6.2.1. The modification was to clearly show that applications requiring secondary coolants (e.g.: glycol or brine) for freeze protection are excluded from the standard. This was previously implied in the labels of "Leaving Chiller Water Temperature, Entering Condenser Water Temperature and Condensing Water Temperature Rise", but has now been more clearly defined.

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

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

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

This proposed addendum provides limited application of occupancy sensors to provide more complete energy savings than the automatic shutoff control. The spaces listed in this requirement were those that were determined to be common to many building types, easily outfitted with occupancy controls, and, based on the available analysis, were conservatively cost-effective applications.

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

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

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

The following addendum proposes off-hour controls for HVAC systems greater than 15,000 Btu/h (4.4 kW). This is a change from the current 65,000 Btu/h (19 kW). Exceptions still apply for systems intended to operate continuously, and for hotel/motel guest rooms. The addendum adds a requirement for fan motors larger than ¾ hp (0.5 kW) to have automatic shut off controls, with an exception for fans intended to run continuously.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 6A-200x, Electrical Rigid Metal Conduit - Aluminum and Stainless Steel (Bulletin dated 10/24/03) (revision of ANS/UL 6A-2003)

The requirements cover aluminum and stainless steel electrical rigid metal conduit (RMC), nipples, elbows, and couplings in trade sizes 3/8 - 6 (12 - 155), for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code. Steel conduit provided with an exterior coating of zinc or a zinc-based, nonmetallic, or other alternate corrosion-resistant material and an interior coating of an organic or zinc material, is covered by the Standard for Electrical Rigid Metal Conduit - Steel, UL 6.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Paul Lloret, UL-CA, paul.e.lloret@us.ul.com

Comment Deadline: December 8, 2003

API (American Petroleum Institute)

New National Adoptions

BSR/API RP 13B-2/ISO 10414-2-200x, Standard Procedure for Field Testing Oil-Based Drilling Fluids (identical national adoption)

Nationally adopts ISO 10414-2 to replace the existing API Recommended Practice 13B-2. This standard will provide standard procedures for field testing oil-based drilling fluids.
Single copy price: $25.00

Order from: Brad Bellinger, API; bellingerb@api.org
Send comments (with copy to BSR) to: Same

BSR/API Spec 9A/ ISO 10425-200x, Specification for Wire Rope (identical national adoption)

Nationally adopts ISO 10425 to replace API Specification 9A. This specification provides standards for wire rope in the petroleum industry.
Single copy price: $25.00

Order from: Brad Bellinger, API; bellingerb@api.org
Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

New National Adoptions

BSR X9.105 Part 3-200x, Financial transaction card originated messages - Interchange messages specifications - Part 3: Maintenance procedures for messages, data elements and code values (identical national adoption)

This part of ISO 8583 establishes the role of the maintenance agency (MA) and specifies the procedures for adding messages and data elements to ISO 8583-1 and to codes listed in Annex A of ISO 8583-1. The responsibilities of the MA relate to all message type identifiers and classes, data elements and subelements, dataset identifiers and codes within ISO 8583-1, with the exception of Institution Identification Codes.
Single copy price: $60.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org
Send comments (with copy to BSR) to: Same

Revisions

BSR X9.24 Part 1-200x, Retail Financial Services Symmetric Key Management - Part 1: Using Symmetric Techniques (revision of ANSI X9.24 Part 1-2002)

This part of ANS X9.24-2003 covers both the manual and automated management of keying material used for financial services such as point-of-sale (POS) transactions (debit and credit), automated teller machine (ATM) transactions, messages among terminals and financial institutions, and interchange messages among acquirers, switches and card issuers. This part of ANSI X9.24-2003 deals exclusively with management of symmetric keys using symmetric techniques. Additional parts may be created in the future to address other methods of key management.

Single copy price: $120.00

Order from: Isabel Bailey, ASC X9; Isabel.Bailey@X9.org
Send comments (with copy to BSR) to: Same

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

New Standards

BSR/ASHRAE 37p-200x, Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment (new standard)

In this 2nd public review draft the Reynolds number equation was re-written in a different format (Section 6.3.3), the description of the duct losses (Section 7.3.3.3) was also rewritten to more accurately represent a method for calculating these losses, and all references were updated to show their latest revised versions. All other changes were editorial, such as ensuring consistency in the use of words or phrases to agree with the terminology presented in the ASHRAE Fundamentals Handbook.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

Revisions

BSR/ASHRAE 32.1-200x, Methods of Testing for Rating Vending Machines for Bottled, Canned and Other Sealed Beverages (revision of ANSI/ASHRAE 32.1-1997)

This proposed revision updates the standard to include vending machines for other types of sealed containers besides bottles and cans. This 2nd public review draft increases the tolerance of instruments and systems for measuring electrical energy, adds a requirement to conduct the energy consumption test at 75°F ambient, rewords the provision regarding the measurement of beverage temperature in the recovery test, and specifies how to conduct an energy consumption test in tropical conditions.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

BSR/ASHRAE 72-200x, Method of Testing Open and Closed Commercial Refrigerators and Freezers (revision, redesignation and consolidation of ANSI/ASHRAE 72-1998 and ANSI/ASHRAE 117-2002)

This standard for open and closed refrigerators combines Standard 72-1998 for open refrigerators and Standard 117-2002 for closed refrigerators. These standards were developed so that comparative evaluations can be made of refrigeration equipment performance using standardized criteria.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

Supplements

BSR/ASHRAE 15a-200x, Safety Standard for Refrigeration Systems (supplement to ANSI/ASHRAE 15-1994)

This proposed addendum corrects an omission when republishing the standard in 2001 and clarifies wording in selected sections as suggested in Continuous Maintenance submissions. The changes include adding A2 and A3 refrigerants to Section 7.5.2, adding a new Section 7.5.3 for Higher Flammability Refrigerants, clarifying the wording of Section 9.7.2.3, combining Section 9.7.2.4 into Section 9.7.2.3, and updating reference information in Appendices D and E.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

BSR/ASHRAE 62aa-200x, Ventilation for Acceptable Indoor Air Quality (supplement to ANSI/ASHRAE 62-2001)

This addendum converts requirements related to outdoor air intake location and intake protection into mandatory and enforceable language.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This proposed addendum adds a roofing product rating program developed by the Cool Roof Rating Council (CRRC) as a credible and readily available means to determine radiative energy performance and to establish compliance with the standard. The test procedure is considered comparable to the ASTM solar reflectance test methods currently cited. A roofing product can be verified by a label placed on it (or its container or technical literature) or through the CRRC's website directory.

Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This proposed addendum responds to the perception by many users that the current standard is too design intensive and complex for simple structures. There are also concerns that it is not written in mandatory language and not maintained. Among the many changes this addendum makes to address these concerns are the replacement of permissive with mandatory language and the reduction of content to only the essential information necessary to design and enforce energy conservation requirements.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

In response to comments received during the first public review, this second public review draft adds stairways to Table 9.3.2, combines service station canopy areas with other canopies to avoid confusion, increases the typical canopy LPD to 1.25 w/ft2 from 1.0 w/ft2, and adds an unrestricted allowance of 5% of total exterior lighting power (to manage numerous requests for exemptions, atypical sites, and special features). All other changes are editorial and intended to provide clarification.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
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BSR/ASHRAE/IESNA 90.1aa-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This Addendum updates the references in Section 12 to the current referenced material. Some of the references were deleted because they are no longer referenced by the standard, some were updated to reflect the correct reference, and others were changed to reflect the most current document.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This proposed addendum makes a number of unrelated changes to the Energy Cost Budget (ECB) Method in Section 11. During the development of the draft for the Appendix G Performance Rating Method, many sections from Section 11 were examined to determine if items in Appendix G were applicable. Some of those changes are incorporated into Section 11 by this addendum to add clarity and specificity. This addendum also makes some revisions based on feedback from various users of the ECB Method.

Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This proposed addendum adds a roofing product rating program developed by the Cool Roof Rating Council (CRRC) as a credible and readily available means to determine radiative energy performance and to establish compliance with the standard. The test procedure is considered comparable to the ASTM solar reflectance test methods currently cited. A roofing product can be verified by a label placed on it (or its container or technical literature) or through the CRRC's website directory.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
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BSR/ASHRAE/IESNA 90.1af-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed addendum adds a requirement for energy efficient transformers when the transformers are low voltage dry-type transformers that are installed for the use of non-process general building loads. Recent studies and analysis have shown that transformer products meeting NEMA TP-1 requirements can save energy, are cost effective, and are readily available. Exceptions are allowed where TP-1 transformers provide little benefit or where alternative equipment is more energy efficient.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
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BSR/ASHRAE/IESNA 90.1ag-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2001)

This proposed revision of the retail "sales area" LPD value is a correction of the previously approved Addendum g. When the initial table of space-by-space method LPDs was prepared for Addendum g public review, the "Retail Sales area" was inadvertently left at the previous 90.1-2001 value of 2.1 W/ft2 (23 W/m2). This addendum revises this value to the correct value produced by the applicable space type models of 1.7 W/ft2 (18 W/m2).
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This addendum is intended to add weather data for 9 new locations, including the District of Columbia (to remedy an earlier omission) plus 6 locations in the US Territories and a new location in the Philippines. These additions do not impact the stringency of the standard but simply increase its usability. The omission of DC from the current list of weather locations surfaced during training sessions about 90.1-1999/2001 compliance that were presented in the region near Washington, DC.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

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

This proposed change to Tables 6.3.1.1.3.A and 6.3.1.1.3B of Standard 90.1 adds dew point and mixing ratio to temperature shutoff control types and specifies required High Limit values for these types of controls.
Single copy price: Free. Available free of charge from ASHRAE website (www.ashrae.org)

Order from: Beverly Fulks, ASHRAE; bfulks@ashrae.org
Send comments (with copy to BSR) to: ASHRAE, Inc., Attention: Manager of Standards; public.review.comments@ashrae.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.1-200x , Jacks (revision of ANSI/ASME B30.1-1998)

ASME B30.1 applies to general-purpose, portable jacks. Jacks designed for automotive service, trip-lowered jacks, and those that are an integral part of other equipment are not included in the scope of this standard. Devices designed for static support rather than lifting are also not included.
Single copy price: $10.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Joseph Wendler, ASME; wendlerj@asme.org

BSR/ASME B30.3-200x, Construction Tower Cranes (revision of ANSI/ASME B30.3-1996)

Applies to construction tower cranes powered by electric motors or internal combustion engines, including cranes that adjust operating radius by means of a boom luffing mechanism or by means of a trolley traversing a horizontal boom.
Single copy price: $10.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org; JonesG@asme.org
Send comments (with copy to BSR) to: Joseph Wendler, ASME; wendlerj@asme.org

BSR/ASME B30.14-200x, Side Boom Tractors (revision of ANSI/ASME B30.14-1996)

B30.14 applies to the construction, installation, operation, inspection, testing, and maintenance of side boom tractors powered by an internal combustion engine used for pipe laying or lifting operations, utilizing a lifting boom, drum, wire rope, and/or hydraulic cylinders.

Single copy price: $10.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Joseph Wendler, ASME; wendlerj@asme.org

BSR/ASME B30.18-200x, Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) (revision of ANSI/ASME B30.18-1998)

Applies to the construction, installation, operation, inspection, and maintenance of hand-powered and power-driven overhead and gantry cranes that have a top-running or under-running multiple girder bridge with a vertically guided carriage, with or without a top-running or under-running trolley.

Single copy price: $10.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Joseph Wendler, ASME; wendlerj@asme.org

BSR/ASME B107.23M-200x, Pliers, Multiple Position, Adjustable (revision of ANSI/ASME B107.23M-1997)

B107.23 provides performance and safety requirements for adjustable joint and slip joint pliers.
Single copy price: $10.00

Order from: Silvana Rodriguez, ASME; rodriguezs@asme.org; CrimiC@asme.org
Send comments (with copy to BSR) to: Joseph Wendler, ASME; wendlerj@asme.org

BSR/ASME BPVC Revision-200x, ASME Boiler and Pressure Vessel Code (12/12/03 Meeting) (revision of ANSI/ASME BPVC Revision: 2001 Edition)

Establishes safety rules covering the design, fabrication and inspection (during construction) of boilers, pressure vessels and nuclear power plant components and containment in order to afford protection of life and property and to provide a margin of deterioration in service so as to give a reasonably long, safe period of usefulness.
Single copy price: Free

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Joseph Brzuszkiewicz, ASME, M/S 20S2

BSR/ASME QHO-1-200x, Qualification and Certification of Hazardous Waste Incinerator Operators (revision of ANSI/ASME QHO-1-1994)

This Standard covers the qualification and certification of operators of a hazardous waste incinerator.
Single copy price: $10.00

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Maria Tromba, ASME

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

New Standards

★ BSR N42.32-200x, Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security (new standard)

This standard describes design and performance criteria along with testing methods for evaluating the performance of instruments for homeland security that are pocket sized and carried on the body for the purpose of detecting the presence and magnitude of radiation. This standard specifies the performance criteria for radiation detection and measurement instruments that may be used in a variety of environmental conditions. The performance criteria contained in this standard are

meant to provide a means for verifying the capability of these instruments to reliably detect significant changes above background levels of radiation and alert the user to these changes.

Single copy price: $71.00/IEEE member price $57.00

Order from: IEEE; Customer.service@ieee.org
Send comments (with copy to BSR) to: Susan Vogel, IEEE (ASC N42); s.vogel@ieee.org

★ BSR N42.33-200x, Radiation Detection Instrumentation for Homeland Security (new standard)

This standard establishes performance and design criteria, test and calibration requirements, and operating and training instruction requirements for portable radiation detection instruments used for detection and measurement of radioactive substances for the purposes of interdiction and emergency response. The appendices of this standard provide reference information.
Single copy price: $71.00/IEEE member price $57.00

Order from: IEEE; Customer.service@ieee.org
Send comments (with copy to BSR) to: Susan Vogel, IEEE (ASC N42); s.vogel@ieee.org

★ BSR N42.34-200x, Performance Criteria for Hand-held Instruments for the Detection and Identification of Radionuclides (new standard)

This standard addresses instruments that can be used for homeland security applications to detect and identify radionuclides, for gamma dose rate measurement, and for indication of neutron radiation. This standard specifies general requirements and test procedures, radiation response requirements, and electrical, mechanical, and environmental requirements. Successful completion of the tests described in this standard should not be construed as an ability to successfully identify all isotopes in all environments.
Single copy price: $72.00/IEEE member price $57.00

Order from: IEEE; Customer.service@ieee.org
Send comments (with copy to BSR) to: Susan Vogel, IEEE (ASC N42); s.vogel@ieee.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 1019-200x, Structural Standards for Steel Gin Poles Used for Installation of Antenna Towers and Antenna Supporting Structures (new standard)

This document describes the requirements for design of steel gin poles that are used for the installation of antennas, towers and antenna supporting structures.
Single copy price: $74.00

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

Reaffirmations

BSR/TIA 530-A-1992 (R200x), High Speed 25-Position Interface for Data Terminal Equipment and Data Circuit-Terminating Equipment, Including Alternative 26-Position Connector (reaffirmation of ANSI/TIA 530-A-1992 (R2003))

This document is applicable to the interconnection of data terminal equipment (DTE) and data circuit-terminating equipment (DCE) employing serial binary data interchange with control information exchanged on Sept,t,tarate control circuits. It defines signal characteristics; interface mechanical characteristics; and, functional description of interchange circuits.
Single copy price: Free

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 561-1990 (R200x), Simple 8-Position Non-Synchronous Interface Between Data Terminal Equipment and Data Circuit-Terminating Equipment Employing Serial Binary Data Interchange (reaffirmation of ANSI/TIA 561-1990 (R2003))

This document was developed in recognition of a need for physically smaller interfaces consistent with modern technology. When used in conjunction with TIA 562, this Standard provides a complete interface specification suitable for non-synchronous applications where full functionality is not required. TIA 561 is applicable to the interconnection of Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) employing serial binary data interchange where a minimal number of control and information circuits are required.

Single copy price: Free

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 562-1989 (R200x), Electrical Characteristics for an Unbalanced Digital Interface (reaffirmation of ANSI/TIA 562-1989 (R2003))

This document was developed in response to the demand from the data communications community for physically smaller, lower power interfaces more consistent with today's technology. This Standard specifies the electrical characteristics of the unbalanced voltage digital interface circuit normally implemented in integrated circuit technology that may be employed when specified for the interchange of serial binary signals between Data Terminal Equipment (DTE) and Data Circuit Terminating Equipment (DCE) or in any interconnection of binary signals between voice or data equipment.
Single copy price: Free

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

BSR/TIA 574-1990 (R200x), 9-Position Non-Synchronous Interface Between Data Terminal Equipment and Data Circuit Terminating Equipment Employing Serial Binary Data Interchange (reaffirmation of ANSI/TIA 574-1990 (R2003))

This document provides the flexibility of a new interface which specifies TIA/EIA 562 Electrical Characteristics which, although they are interworkable with TIA 232-D Electrical Characteristics, are capable of higher data signaling rates and being driven from a +/-5 volt supply. EIA/TIA 574 is applicable to the interconnection of DTE and DCE employing serial binary data interchange where a minimal number of control and information circuits are required. This Standard also provides a solution to the problem of incorrect referencing.
Single copy price: Free

Order from: Global Engineering Documents; www.global.ihs.com, (800) 854-7179
Send comments (with copy to BSR) to: Billie Zidek-Conner, TIA; bzidekco@tia.eia.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1703-200x, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (Bulletin dated 10/15/2003) (revision of ANSI/UL 1703-2003)

The following items are subject to comment:
(1) Correction of test references in Table 18.1;
(2) Addition in paragraph 40.1.1 of equation for limit voltage (VL).
Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000
Send comments (with copy to BSR) to: Dennis Sullivan, UL-IL; Dennis.E.Sullivan@us.ul.com

Comment Deadline: December 23, 2003

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA C104-200x, Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water (revision of ANSI/AWWA C104/A21.4-1995)

This standard cover shop-applied, cement-mortar linings specified in the ANSI/AWWA C100/A21 series of standards for ductile-iron pipe and ductile-iron and gray-iron fittings for water and is intended to be used as a supplement to those standards.
Single copy price: $5.00

Order from: Jim Wailes, AWWA; jwailes@awwa.org
Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

NSPI (National Spa and Pool Institute)

★ BSR/NSPI 7-200x, Workmanship Standards for Inground Pool and Spa (new standard)

Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

Trial use period: October 15, 2003 through October 15, 2004

HFES (Human Factors & Ergonomics Society)

BSR/HFES 200-200x, Human Factors Engineering of Software User Interfaces (TRIAL USE STANDARD) (trial use standard)

This trial use standard covers software ergonomics and user interface design requirements and recommendations, and software accessibility design recommendations.
Single copy price: Parts 1 & 2: $25.00; Parts 1 & 3: $75.00; Parts 1 & 4: $25.00 (NOTE: Part 1 is Introduction to HFES 200)

Order from: HFES; store@hfes.org or Fax: 310-394-2410
Send comments (with copy to BSR) to: Lynn Strother, HFES; lynn_strother@compuserve.com

ANSI Technical Reports

ANSI Technical Reports are not consensus documents. Rather, all material contained in ANSI Technical Reports is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Comment Deadline: November 23, 2003

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI/IEC TIR 62296, Considerations of unaddressed safety aspects in the Second Edition of IEC 60601-1 and proposals for new requirements (technical report)

Contains a series of recommendations developed by an expert working group of IEC Subcommittee 62A in response to questions of interpretation of the second edition of IEC 60601-1. This Technical Report is primarily intended to be used by: manufacturers of medical electrical equipment; test houses and others responsible for assessment of compliance with IEC 60601-1, and; those developing subsequent editions of IEC 60601-1.
Single copy price: $95.00 ($50.00 for AAMI Members)

Order from: AAMI, Customer Service
Send comments (with copy to BSR) to: Nick Tongson, AAMI; ntongson@aami.org

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/HI 9.6.1-1998, Centrifugal and Vertical Pumps: NPSH Margin

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

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

ANSI N14.6-1993, Radioactive Materials - Special Lifting Devices for Shipping Containers Weighing 10 000 Pounds (4500 kg) or More

ANSI N14.24-1985 (R1993), Domestic Barge Transport of Highway Route Controlled Quantities of Radioactive Materials

Call for Comment Contact Information

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

Order from:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x228
Fax: (703) 276-0793
Web: www.aami.org

API
American Petroleum Institute
1220 L Street NW
Washington, DC 20005
Phone: (202) 682-8107
Fax: (202) 962-4797
Web: www.api.org

ASC X9
American Bankers Association
P.O. Box 4035
Annapolis, MD 21403
Phone: (410) 267-7707
Fax: (410) 663-7554
Web: www.9.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
Three Park Avenue, M/S 20N1
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Fax: (212) 591-8501
Web: www.asme.org

AWWA
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6666 West Quincy Avenue
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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

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

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Fax: (310) 394-2410
Web: www.hfes.org

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Fax: (732) 562-1571
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Web: www.aami.org

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Web: www.api.org

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P.O. Box 4035
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Web: www.ashrae.org

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HFES
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UL-CA
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Santa Clara, CA 95050
Phone: (408) 985-2400 x32410
Fax: (408) 556-6045

UL-IL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 272-8800
Fax: (847) 509-6217

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.

AAMVA (American Association of Motor Vehicle Administrators)

Revisions

ANSI D20-2002, Data Element Dictionary for Traffic Record Systems (revision of ANSI D20-1998): 10/21/2003

ASA (ASC S3) (Acoustical Society of America)

Reaffirmations

ANSI S3.1-1999 (R2003), Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (reaffirmation of ANSI S3.1-1999): 10/15/2003

ANSI S3.7-1995 (R2003), Method for Coupler Calibration of Earphones (reaffirmation of ANSI S3.7-1995 (R1999)): 10/15/2003

ANSI S3.20-1995 (R2003), Bioacoustical Terminology (reaffirmation of ANSI S3.20-1995 (R1999)): 10/15/2003

ANSI S3.25-1989 (R2003), Occluded Ear Simulator (reaffirmation of ANSI S3.25-1989 (R1999)): 10/15/2003

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME A112.18.6M-2003, Flexible Water Connectors (revision of ANSI/ASME A112.18.6M-1999): 10/20/2003

ANSI/ASME B16.9-2003, Factory-Made Wrought Buttwelding Fittings (revision of ANSI/ASME B16.9-2001): 10/15/2003

ASTM (ASTM International)

New Standards

ANSI/ASTM D4472-2003, Guide for Recordkeeping for Reverse Osmosis Systems (new standard): 6/10/2003

ANSI/ASTM E8-2003, Test Method for Tension Testing of Metallic Materials (new standard): 10/28/2003

ANSI/ASTM E8M-2003, Test Method for Tension Testing of Metallic Materials (Metric) (new standard): 10/28/2003

ANSI/ASTM E18-2003, Test Method for Rockwell Hardness and Rockwell Superficial Hardness of Metallic Materials (new standard): 10/28/2003

ANSI/ASTM E23-2003, Test Method for Notched Bar Impact Testing of Metallic Materials (new standard): 10/28/2003

Reaffirmations

ANSI/ASTM D3739-1998 (R2003), Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis (reaffirmation of ANSI/ASTM D3739-1998): 6/10/2003

ANSI/ASTM D3858-1999 (R2003), Test Method for Open-Channel Flow Measurement of Water by Velocity-Area Method (reaffirmation of ANSI/ASTM D3858-1999): 6/10/2003

ANSI/ASTM D3923-1998 (R2003), Practices for Detecting Leaks in Reverse Osmosis Devices (reaffirmation of ANSI/ASTM D3923-1998): 6/10/2003

ANSI/ASTM D3974-1999 (R2003), Practices for Extraction of Trace Elements from Sediments (reaffirmation of ANSI/ASTM D3974-1999): 6/10/2003

ANSI/ASTM D3975-1999 (R2003), Practice for Development and Use Preparation of Samples for Collaborative Testing of Methods for Analysis of Sediments (reaffirmation of ANSI/ASTM D3975-1999): 6/10/2003

ANSI/ASTM D4195-2001 (R2003), Guide for Water Analysis for Reverse Osmosis Application (reaffirmation of ANSI/ASTM D4195-2001): 6/10/2003

ANSI/ASTM D4409-2001 (R2003), Test Method for Velocity Measurements of Water in Open Channels with Rotating Element Current Meters (reaffirmation of ANSI/ASTM D4409-2001): 6/10/2003

ANSI/ASTM D4822-2001 (R2003), Guide for Selection of Methods of Particle Size Analysis of Fluvial Sediments Manual Methods (reaffirmation of ANSI/ASTM D4822-2001): 6/10/2003

ANSI/ASTM D4823-2001 (R2003), Guide for Core Sampling Submerged, Unconsolidated Sediments (reaffirmation of ANSI/ASTM D4823-2001): 6/10/2003

ANSI/ASTM D4993-2001 (R2003), Practice for Calculation and Adjustment of Silica (SiO2) Scaling for Reverse Osmosis (reaffirmation of ANSI/ASTM D4993-2001): 6/10/2003

ANSI/ASTM D5074-2001 (R2003), Practice for Preparation of Natural-Matrix Sediment Reference Samples for Major and Trace Inorganic Constituents Analysis by Partial Extraction Procedures (reaffirmation of ANSI/ASTM D5074-2001): 6/10/2003

ANSI/ASTM D5089-2001 (R2003), Test Method for Velocity Measurements of Water in Open Channels with Electromagnetic Current Meters (reaffirmation of ANSI/ASTM D5089-2001): 6/10/2003

ANSI/ASTM D5129-2001 (R2003), Test Method for Open Channel Flow Measurement of Water Indirectly by Using Width Contractions (reaffirmation of ANSI/ASTM D5129-2001): 6/10/2003

ANSI/ASTM D5130-2001 (R2003), Test Method for Open-Channel Flow Measurement of Water Indirectly by Slope-Area Method (reaffirmation of ANSI/ASTM D5130-2001): 6/10/2003

ANSI/ASTM D5317-2001 (R2003), Test Method for Determination of Chlorinated Organic Acid Compounds in Water by Gas Chromatography with an Electron Capture Detector (reaffirmation of ANSI/ASTM D5317-2001): 6/10/2003

ANSI/ASTM D5541-2001 (R2003), Practice for Developing a Stage-Discharge Relation for Open Channel Flow (reaffirmation of ANSI/ASTM D5541-2001): 6/10/2003

ANSI/ASTM D5613-2001 (R2003), Test Method for Open-Channel Measurement of Time of Travel Using Dye Tracers (reaffirmation of ANSI/ASTM D5613-2001): 6/10/2003

ANSI/ASTM D5614-2001 (R2003), Test Method for Open Channel Flow Measurement of Water with Broad-Crested Weirs (reaffirmation of ANSI/ASTM D5614-2001): 6/10/2003

ANSI/ASTM D5640-2001 (R2003), Guide for Selection of Weirs and Flumes for Open-Channel Flow Measurement of Water (reaffirmation of ANSI/ASTM D5640-2001): 6/10/2003

ANSI/ASTM D5674-2001 (R2003), Guide for Operation of a Gaging Station (reaffirmation of ANSI/ASTM D5674-2001): 6/10/2003

ANSI/ASTM D6104-2001 (R2003), Practice for Determining the Performance of Oil/water Separators Subjected to Surface Run-Off (reaffirmation of ANSI/ASTM D6104-2001): 6/10/2003

ANSI/ASTM D6157-2001 (R2003), Practice for Determining the Performance of Oil/Water Separators Subjected to a Sudden Release (reaffirmation of ANSI/ASTM D6157-2001): 6/10/2003

ANSI/ASTM D6326-2001 (R2003), Practice for the Selection of Maximum Transit-Rate Ratios and Depths for the U.S. Series of Isokinetic Suspended-Sediment Samplers (reaffirmation of ANSI/ASTM D6326-2001): 6/10/2003

ANSI/ASTM F670-2003, Specification for Tanks, 5- and 10-gal (20- and 40-l) Lube Oil Dispensing (reaffirmation of ANSI/ASTM F670-87): 12/10/2002

Revisions

ANSI/ASTM D511-2003, Test Methods for Calcium and Magnesium in Water (revision of ANSI/ASTM D511-1998): 6/10/2003

ANSI/ASTM D888-2003, Test Methods for Dissolved Oxygen in Water (revision of ANSI/ASTM D888-1996): 6/10/2003

ANSI/ASTM D1253-2003, Test Methods for Residual Chlorine in Water (revision of ANSI/ASTM D1253-1996): 6/10/2003

ANSI/ASTM D1426-2003, Test Methods for Ammonia Nitrogen in Water (revision of ANSI/ASTM D1426-1998): 6/10/2003

ANSI/ASTM D1886-2003, Test Methods for Nickel in Water (revision of ANSI/ASTM D1886-1998): 6/10/2003

ANSI/ASTM D2777-2003, Practice for Determination of Precision and Bias of Applicable Test Methods of Committee D-19 on Water (revision of ANSI/ASTM D2777-1998): 6/10/2003

ANSI/ASTM D3352-2003, Test Method for Strontium Ion in Brackish Water, Seawater, and Brines (revision of ANSI/ASTM D3352-1999): 6/10/2003

ANSI/ASTM D3373-2003, Test Method for Vanadium in Water (revision of ANSI/ASTM D3373-1998): 6/10/2003

ANSI/ASTM D3558-2003, Test Methods for Cobalt in Water (revision of ANSI/ASTM D3558-1998): 6/10/2003

ANSI/ASTM D3859-2003, Test Methods for Selenium in Water (revision of ANSI/ASTM D3859-1998): 6/10/2003

ANSI/ASTM D4130-2003, Test Method for Sulfate Ion in Brackish Water, Seawater, and Brines (revision of ANSI/ASTM D4130-2001): 6/10/2003

ANSI/ASTM D4194-2003, Test Methods for Operating Characteristics of Reverse Osmosis Devices (revision of ANSI/ASTM D4194-2001): 6/10/2003

ANSI/ASTM D5463-2003, Guide for Use of Test Kits to Measure Inorganic Constituents in Water (revision of ANSI/ASTM D5463-2001): 6/10/2003

ANSI/ASTM D5907-2003, Test Method for Filterable and Non-filterable Matter in Water (revision of ANSI/ASTM D5907-2001): 6/10/2003

ANSI/ASTM D6239-2003, Test Method for Uranium in Drinking Water by High-Resolution Alpha-Liquid-Scintillation Spectrometry (revision of ANSI/ASTM D6239-2002): 6/10/2003

ANSI/ASTM E162-2003, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-98): 4/10/2002

ANSI/ASTM E603-2003, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2001): 11/1/2003

ANSI/ASTM E1472-2003, Guide for Documenting Computer Software for Fire Models (revision of ANSI/ASTM E1472-92 (R1998)): 10/1/2003

ANSI/ASTM E1623-2003, Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale Calorimeter (ICAL) (revision of ANSI/ASTM E1623-2002b): 11/1/2003

ANSI/ASTM E2058-2003, Test Methods for Measurement of Synthetic Polymer Material Flammability Using a Fire Propagation Apparatus (FPA) (revision of ANSI/ASTM E2058-2001a): 10/1/2003

ANSI/ASTM E2067-2002, Practice for Full-Scale Oxygen Consumption Calorimetry Fire Tests (revision of ANSI/ASTM E2067-2002): 10/1/2003

Withdrawals

ANSI/ASTM D1192-1998, Guide for Equipment for Sampling Water and Steam in Closed Conduits (withdrawal of ANSI/ASTM D1192-1998): 6/10/2003

ANSI/ASTM D2907-1997, Test Methods for Microquantities of Uranium in Water by Fluorometry (withdrawal of ANSI/ASTM D2907-1997): 10/20/2003

AWS (American Welding Society)

Revisions

ANSI/AWS D1.1/D1.1M-2003, Structural Welding Code - Steel (revision of ANSI/AWS D1.1/D1.1M-2001): 10/15/2003

BHMA (Builders Hardware Manufacturers Association)

Revisions

ANSI/BHMA A156.2-2003, Bored and Preassembled Locks and Latches (revision of ANSI/BHMA A156.2 1996): 10/15/2003

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

Revisions

ANSI Z21.50a-2003, Vented Gas Fireplaces (same as CSA 2.22a) (revision of ANSI Z21.50a-2001): 10/21/2003

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 802.15.2-2003, Recommended Practice for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 15.2: Coexistence of Wireless Personal Area Networks with Other Wireless Devices Operating in Unlicensed Frequency Bands (new standard): 10/15/2003

ANSI/IEEE 802.15.3-2003, Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN) (new standard): 10/20/2003

ANSI/IEEE 1484.1-2003, Standard for Learning Technology - Learning Technology Systems Architecture (LTSA) (new standard): 10/15/2003

ANSI/IEEE 1528-2003, Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques (new standard): 10/15/2003

ANSI/IEEE 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems (new standard): 10/20/2003

Revisions

ANSI/IEEE 488.1-2003, Standard for Higher Performance Protocol for the Standard Digital Interface for Programmable Instrumentation (revision of ANSI/IEEE 488.1-1988 (R1994)): 10/20/2003

Supplements

ANSI/IEEE 802.11g-2003, Supplement to Standard [for] Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Further Higher Data Rate Extension in the 2.4 GHz Band (supplement to ANSI/IEEE 802.11-1999): 10/20/2003

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standards

ANSI C78.1650-2003, Consolidation Single-Ended Metal-Halide Lamps (new standard): 10/20/2003

NEMA (National Electrical Manufacturers Association)

New Standards

★ ANSI/NEMA PB 2.1-2003, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less (new standard): 10/14/2003

Revisions

★ ANSI/NEMA PB 1.1-2003, General Instructions for Proper Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or Less (revision of ANSI/NEMA PB 1.1-1996): 10/14/2003

SPI (The Society of the Plastics Industry, Inc.)

Revisions

ANSI/SPI B151.15-2003, Extrusion Blowmolding Machines - Safety Requirements for the Manufacture Care and Use (revision of ANSI/SPI B151.15-2000): 10/15/2003

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 1638-2003, Visual Signaling Appliances - Private Mode Emergency and General Signaling (new standard): 10/15/2003

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards (January 2003 edition).

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

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60526-5592

Contact: *Susan Peccatiello*

Fax: (708) 352-6464

E-mail: speccatiello@ans.org

BSR/ANS 58.22-200x, Low Power and Shutdown PRA Methodology (new standard)

This standard sets forth criteria and specific methods for plant-specific probabilistic risk assessments (PRAs) to be used to develop risk-informed decisions regarding low power and shutdown operations at light water nuclear power plants. It addresses those attributes of a PRA that will ensure that the scope and level of quality of the assessment are appropriate to the decision being considered.

ASME (American Society of Mechanical Engineers)

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

Contact: *Silvana Rodriguez*

Fax: (212) 591-8501

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

BSR/ASME A17.x/CSA B44.x-200x, Performance Based Safety Code for Elevators and Escalators (new standard)

To provide a structure method for establishing the safety of designs and products that are not yet covered by the A17.1 and B44 Elevator Codes. The availability of a uniform process for new technology will allow the early introduction of innovative products and allow the prescriptive codes then to "catch up" as the novel products become more standard products.

BSR/ASME N510-200x, Testing of Nuclear Air Treatment Systems (revision of ANSI/ASME N510-1989 (R1995))

Covers field testing of high efficiency air treatment systems for nuclear power plants.

AWS (American Welding Society)

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Miami, FL 33126

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BSR/AWS B2.1-1- 232-200x, Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1) Groups 1 and 2, 1/8 through 1-1/2 inch thick, ER70S-3 and E7XT-1, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Specifies the essential and nonessential variables for welding carbon steel pipe with GMAW and FCAW. It is an addition to the existing AWS library of SWPSs.

BSR/AWS B2.1-1-233-200x, Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1/S-1) Groups 1 and 2, 1/8 through 1-1/2 inch thick, ER70S-3, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Specifies the essential and nonessential variables for welding carbon steel pipe with GMAW and FCAW. It is an addition to the existing AWS library of SWPSs.

BSR/AWS B2.1-1-234-200x, Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1) Groups 1 and 2, 1/8 through 1-1/2 inch thick, E7XT-1, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Specifies the essential and nonessential variables for welding carbon steel pipe with GMAW and FCAW. It is an addition to the existing AWS library of SWPSs.

BSR/AWS B2.1-1-235-200x, Welding Procedure Specification (SWPS) for 98% Argon Plus 2% Carbon Dioxide Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1/S-1) Groups 1 and 2, 1/8 through 1-1/2 inch thick, ER70S-3, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Specifies the essential and nonessential variables for welding carbon steel pipe with GMAW and FCAW. It is an addition to the existing AWS library of SWPSs.

CEA (Consumer Electronics Association)

Office: 2500 Wilson Boulevard
Arlington, VA 22201-3834

Contact: *Jean Johnson*

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E-mail: jjohnson@ce.org

BSR/CEA 2007-200x, QoS Priority Groupings for 802.1Q (new standard)

This defines the use of the priority field in 802.1Q Ethernet packets to allow IP Ethernet networks to concurrently support differing Quality of Service (QoS) implementations. This document recognizes three classes of QoS; best effort, priority routing, and fully managed connections.R7.5 Audio/Video Network PN 2035

ESTA (ASC E1) (Entertainment Services and Technology Association)

Office: 875 Sixth Avenue, Suite 1005
New York, NY 10001

Contact: *Karl Ruling*

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E-mail: kruling@esta.org

BSR E1.26-200x, Entertainment Technology - Recommended testing methods and values for shock absorption of floors used in live performance venues (new standard)

This document shall define acceptable shock absorption testing methods for floors used by performers in live performance venues and rehearsal spaces. It shall also provide recommendations for the proper criteria for such floors. Examples of "live performance venues" include theatre stages, drama rehearsal studios, and dance studios.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ISO and IEC Draft International Standards

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

Comments

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

Ordering Instructions

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web: http://global.ihs.com

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 11754, Space data and information transfer systems - Telemetry channel coding - 1/15/2004, $97.00

CHEMISTRY (TC 47)

ISO/DIS 12986-2, Carbonaceous materials used in the production of aluminium - Prebaked anodes and cathode blocks - Part 2: Determination of flexural strength by the four-point method - 1/15/2004, $33.00

ISO/DIS 14420, Carbonaceous materials for the production of aluminium - Baked anodes and shaped carbon products - Determination of the coefficient of thermal dilatation - 1/15/2004, $29.00

CRANES (TC 96)

ISO/DIS 11629, Cranes - Measurement of the mass of a crane and its components - 8/17/2004, $26.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12647-2, Graphic technology - Process control for the production of half-tone colour separations, proof and production prints - Part 2: Offset processes - 1/15/2004, $55.00

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

ISO/DIS 10426-5, Petroleum and natural gas industries - Cements and materials for well cementing - Part 5: Determination of shrinkage and expansion of well cement formulations at atmospheric pressure - 1/15/2004, $46.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 7507-2, Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks - Part 2: Optical-reference-line method - 1/16/2004, $66.00

PHOTOGRAPHY (TC 42)

ISO/DIS 20462-1, Photography - Psychophysical experimental methods for estimating image quality - Part 1: Overview of psychophysical elements - 1/15/2004, $46.00

ISO/DIS 20462-2, Photography - Psychophysical experimental methods for estimating image quality - Part 2: Triplet comparison method - 1/15/2004, $66.00

ISO/DIS 20462-3, Photography - Psychophysical experimental methods for estimating image quality - Part 3: Quality ruler method - 1/15/2004, $55.00

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

ISO/DIS 16422, Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water - Specifications - 1/16/2004, $66.00

ROAD VEHICLES (TC 22)

ISO/DIS 6597, Road vehicles - Hydraulic braking systems including those with electronic control functions, for motor vehicles - Test procedures - 1/16/2004, $92.00

ISO/DIS 11452-4, Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Bulk current injection (BCI) - 1/15/2004, $62.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 20299-1, Film for wrapping rubber bales - Part 1: Butadiene rubber (BR) and styrene-butadiene rubber (SBR) - 1/15/2004, $22.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 11760, Classification of coals - 1/15/2004, $39.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15614-6, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 6: Arc welding of copper and its alloys - 1/16/2004, $66.00

IEC Standards

15C/1542/FDIS, IEC 60893-1, Ed. 2: Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 1: Definitions, designations and general requirements, 12/19/2003

21A/393/FDIS, IEC 61959 Ed 1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Mechanical tests for sealed portable secondary cells and batteries, 12/19/2003

61/2532/FDIS, IEC 60335-2-102 Ed 1.0: Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections, 12/19/2003

61/2533/FDIS, IEC 60335-2-4-A1 Ed 5.0: Safety of household and similar electrical appliances - Particular requirements for spin extractors - Interlock requirements and stopping times, 12/19/2003

61/2534/FDIS, IEC 60335-2-7-A1 Ed 6.0: Safety of household and similar electrical appliances - Particular requirements for washing machines - Interlock endurance and other clauses, 12/19/2003

61/2535/FDIS, IEC 60335-2-9-A1 Ed 5.0: Safety of household and similar electrical appliances - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances, 12/19/2003

61/2536/FDIS, IEC 60335-2-29-A1 Ed 4.0: Safety of household and similar electrical appliances - Particular requirements for battery chargers, 12/19/2003

61/2537/FDIS, IEC 60335-2-41-A1 Ed 3.0: Safety of Household and similar electrical appliances - Particular requirements for pumps, 12/19/2003

61/2538/FDIS, IEC 60335-2-80-A1 Ed 2.0: Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans, 12/19/2003

65B/515/FDIS, IEC 61514-2: Industrial process control systems - Part 2: methods of evaluating the performance of intelligent valve positioners with pneumatic outputs, 12/19/2003

86B/1896/FDIS, IEC 62005-7 Ed 1.0: Reliability of fibre optic interconnecting devices and passive optical components - Part 7: Life stress modeling, 12/19/2003

1/1921/FDIS, IEV 60050-826 Ed.2: International Electrotechnical Vocabulary: Part 826: Electrical installations, 12/12/2003

20/659/FDIS, IEC 60245-1, Ed. 4: Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 1: General requirements, 12/12/2003

40/1365/FDIS, IEC 60286-6: Packaging of components for automatic handling - Part 6: Bulk case packaging for surface mounting components, 12/12/2003

44/444/FDIS, IEC 61496-1: Safety of machinery - electro-sensitive protective equipment - Part 1: General requirements and tests, 12/12/2003

48B/1393/FDIS, 61076-6 Ed. 1: Connectors for electronic equipment - Part 6: Loose part contacts - Sectional specification, 12/12/2003

65B/514/FDIS, IEC 60534-5: Industrial-process control valves - Part 5: Marking, 12/12/2003

86C/575/FDIS, IEC 62149-3 Ed 1.0: Fibre optic active components and devices - Performance standards - Part 3: 2,5 Gbit/s modulator-integrated laser diode transmitters, 12/12/2003

100/721/FDIS, IEC 60268-4: Sound system equipment - Part 4: Microphones, 12/12/2003

Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by 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.

Weblinks are now provided from Standards Action to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

IEC 60728-7-1 Ed. 1.0 en:2003, "Cable networks for television signals, sound signals and interactive services - Part 7-1: Hybrid fibre coax outside plant status monitoring - Physical (PHY) layer specification", $36.00

IEC 60728-7-2 Ed. 1.0 en:2003, "Cable networks for television signals, sound signals and interactive services - Part 7-2: Hybrid fibre coax outside plant status monitoring - Media access control (MAC) layer specification", $109.00

IEC 60728-7-3 Ed. 1.0 en:2003, "Cable networks for television signals, sound signals and interactive services - Part 7-3: Hybrid fibre coax outside plant status monitoring - Power supply to transponder interface bus (PSTIB) specification", $78.00

IEC 61606-1 Ed. 1.0 en:2003, Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 1: General, $74.00

IEC 61606-2 Ed. 1.0 en:2003, Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 2: Consumer use, $89.00

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

IEC 62153-1-1 Ed. 1.0 b:2003, Metallic communication cables test methods - Part 1-1: Electrical - Measurement of the pulse/step return loss in the frequency domain using the Inverse Discrete Fourier Transformation (IDFT), $38.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 62020 Amd.1 Ed. 1.0 b:2003, Amendment 1 - Electrical accessories - Residual current monitors for household and similar uses (RCMs), $74.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC 60079-5 Amd.1 Ed. 2.0 b:2003, "Amendment 1 - Electrical apparatus for explosive gas atmospheres - Part 5: Powder filling ""q""", $17.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60580 Ed. 2.0 b:2003, Medical electrical equipment - Dose area product meters, $89.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-4-44 Amd.1 Ed. 1.0 b:2003, Amendment 1 - Electrical installations of buildings - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances, $36.00

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

IEC 61076-2-101 Ed. 1.0 en:2003, "Connectors for electronic equipment - Part 2-101: Circular connectors - Detail specification for circular connectors M8 with screw- or snap-locking, M12 with screw-locking for low voltage applications", $109.00

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC/PAS 62055-41 Ed. 1.0 en:2003, Electricity metering - Payment metering systems - Part 41: Standard Transfer Specification, $184.00

FIBRE OPTICS (TC 86)

IEC/TR 62316 Ed. 1.0 b:2003, Guidance for the interpretation of OTDR backscattering traces, $38.00

IEC 60793-2 Ed. 5.0 b:2003, Optical fibres - Part 2: Product specifications - General, $32.00

IEC 61280-4-1 Ed. 1.0 b:2003, Fibre-optic communication subsystem test procedures - Part 4-1: Cable plant and links - Multimode fibre-optic cable plant attenuation measurement, $63.00

IEC 61290-5-2 Ed. 1.0 b:2003, Optical amplifiers - Test methods - Part 5-2: Reflectance parameters - Electrical spectrum analyser method, $46.00

IEC 62148-11 Ed. 1.0 b:2003, Fibre optic active components and devices - Package and interface standards - Part 11: 14-pin modulator-integrated laser diode transmitters, $36.00

IEC 62149-5 Ed. 1.0 b:2003, Fibre optic active components and devices - Performance standards - Part 5: ATM-PON transceivers with LD driver and CDR ICs, $78.00

IEC 62149-6 Ed. 1.0 b:2003, Fibre optic active components and devices - Performance standards - Part 6: 650-nm 250-Mbit/s plastic optical fibre transceivers, $40.00

FUSES (TC 32)

IEC 60127-2 Amd.1 Ed. 2.0 b:2003, Amendment 1 - Miniature fuses - Part 2: Cartridge fuse-links, $46.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 61131-8 Ed. 2.0 en:2003, Programmable controllers - Part 8: Guidelines for the application and implementation of programming languages, $177.00

IEC 60534-2-5 Ed. 1.0 b:2003, Industrial-process control valves - Part 2-5: Flow capacity - Sizing equations for fluid flow through multistage control valves with interstage recovery, $78.00

IEC 60873-1 Ed. 1.0 en:2003, Electrical and pneumatic analogue chart recorders for use in industrial-process control systems - Part 1: Methods for performance evaluation, $58.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60061-1 Amd.32 Ed. 3.0 b:2003, Amendment 32 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps, $36.00

IEC 60061-2 Amd.29 Ed. 3.0 b:2003, Amendment 29 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, $40.00

IEC 60061-3 Amd.31 Ed. 3.0 b:2003, Amendment 31 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges, $63.00

IEC 61347-1 Amd.1 Ed. 1.0 b:2003, Amendment 1 - Lamp controlgear - Part 1: General and safety requirements, $28.00

MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

IEC 60401-3 Ed. 1.0 b:2003, Terms and nomenclature for cores made of magnetically soft ferrites - Part 3: Guidelines on the format of data appearing in manufacturers' catalogues of transformer and inductor cores, $32.00

IEC 62211 Ed. 1.0 b:2003, Inductive components - Reliability management, $46.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC/PAS 60936-5 Ed. 1.0 en:2003, Maritime navigation and radiocommunication equipment and systems - Radar - Part 5: Guidelines for the use and display of AIS information on radar, $78.00

IEC/PAS 61162-101 Ed. 1.0 en:2003, Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 101: Single talker and multiple listeners - Modified sentences and requirements for IEC 61162-1, $74.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC/TR 62247 Ed. 1.0 b:2003, Nuclear power plants - Main control room design - A review of the application of IEC 60964 (1989), $70.00

IEC 60405 Ed. 2.0 b:2003, Nuclear instrumentation - Constructional requirements and classification of radiometric gauges, $63.00

OVERHEAD LINES (TC 11)

IEC 60826 Ed. 3.0 b:2003, Design criteria of overhead transmission lines, $190.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

IEC 60444-8 Ed. 1.0 b:2003, Measurement of quartz crystal unit parameters - Part 8: Test fixture for surface mounted quartz crystal units, $38.00

IEC 60862-3 Ed. 2.0 b:2003, Surface acoustic wave (SAW) filters of assessed quality - Part 3: Standard outlines, $51.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61968-1 Ed. 1.0 en:2003, Application integration at electric utilities - System interfaces for distribution management - Part 1: Interface architecture and general requirements, $146.00

ROTATING MACHINERY (TC 2)

IEC 60034-9 Ed. 4.0 b:2003, Rotating electrical machines - Part 9: Noise limits, $40.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-103 Ed. 1.0 b:2003, "Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows", $74.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60748-23-5 Ed. 1.0 en:2003, "Semiconductor devices - Integrated circuits, Part 23-5: Hybrid integrated circuits and film structures - Manufacturing line certification - Procedure for qualification approval", $51.00

SHORT-CIRCUIT CURRENTS (TC 73)

IEC 60909-3 Ed. 2.0 b:2003, Short-circuit currents in three-phase a.c. systems - Part 3: Currents during two separate simultaneous line-to-earth short circuits and partial short-circuit currents flowing through earth, $89.00

(TC 34C)

IEC 61347-2-9 Amd.1 Ed. 1.0 b:2003, Amendment 1 - Lamp controlgear - Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps), $17.00

WINDING WIRES (TC 55)

IEC 60851-2 Amd.2 Ed. 2.0 b:2003, Amendment 2 - Winding Wires - Test methods - Part 2: Determination of dimensions, $20.00

IEC 60851-3 Amd.2 Ed. 2.0 b:2003, Amendment 2 - Winding Wires - Test methods - Part 3: Mechanical properties, $20.00

IEC Technical Specifications

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TS 61804-1 Ed. 1.0 en:2003, Function blocks (FB) for process control - Part 1: Overview of system aspects, $190.00

CEN/CENELEC Standards Activity

Competitive Excellence Through Standardization Technology

This section provides information on standards activity within CEN - the European Committee for Standardization - and CENELEC - the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

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CEN

European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

prEN 81-22, Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 22: Electric passenger and goods passenger lifts with inclined travel path - 4/16/2004, $102.00

prEN 1151-1, Pumps - Rotodynamic pumps - Circulation pumps having an electrical effect not exceeding 200 W for heating installations and domestic hot water installations - Part 1: Non-automatic circulation pumps, requirements, testing marking - 4/16/2004, $38.00

prEN 12264, Health informatics - Categorial structures for systems of concepts - 4/16/2004, $42.00

prEN 12574-1 REVIEW, Stationary waste containers - Part 1: Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device - Dimensions and designs - 4/16/2004, $54.00

prEN 12574-2 REVIEW, Stationary waste containers - Part 2: Performance requirements and test methods - 4/16/2004, $38.00

prEN 12574-3 REVIEW, Stationary waste containers - Part 3: Safety and health requirements - 4/16/2004, $26.00

prEN 12622 REVIEW, Safety of machine tools - Hydraulic press brakes - 4/16/2004, $88.00

prEN 13209-2, Child use and care articles - Baby carriers - Other baby carriers i.e. those without a framed support as front carriers, side carriers, slings and back carriers without a frame - 12/16/2003, $38.00

prEN 13892-3, Methods of test for screed materials - Part 3: Determination of wear resistance - Bohme

prEN 14229, Wood poles for overhead lines - Requirements - 12/16/2003, $38.00

prEN 14730-1, Railway applications - Track - Aluminothermic welding of rails - Part 1: Approval of welding processes - 4/16/2004, $76.00

prEN 14808, Surfaces for sports areas - Determination of shock absorption - 4/16/2004, $30.00

prEN 14809, Surfaces for sports areas - Determination of vertical deformation - 4/16/2004, $24.00

prEN 14810, Surfaces for sports areas - Determination of spike resistance - 4/16/2004, $20.00

prEN 14811-1, Railway applications - Track - Special purpose rail - Part 1: Grooved and associated construction - 4/16/2004, $94.00

prEN 14812-1, Water conditioning equipment inside buildings - Chemical closing systems - Requirements for performance and safety testing - Part 1: Pre-set closing systems - 4/16/2004, $46.00

prEN 14813-1, Railway applications - Air conditioning for driving cabs - Part 1: Comfort parameters - 4/16/2004, $54.00

prEN 14813-2, Railway applications - Air conditioning for driving cabs - Part 2: Type tests - 4/16/2004, $50.00

prEN ISO 1463 REVIEW, Metallic and oxide coatings - Measurement of coating thickness - Microscopical method (ISO 1463: 2003) - 3/16/2004, $20.00

prEN ISO 2177 REVIEW, Metallic coatings - Measurement of coating thickness - Coulometric method by anodic dissolution (ISO 2177: 2003) - 3/16/2004, $20.00

prEN ISO 5362, Anaesthetic reservoir bags (ISO 5362: 2000) - 3/16/2004, $20.00

prEN ISO 5366-1, Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 1: Tubes and connectors for use in adults (ISO 5366-1: 2000) - 3/16/2004, $20.00

prEN ISO 5366-3, Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 3: Paediatric tracheostomy tubes (ISO 5366-3: 2001) - 3/16/2004, $20.00

prEN ISO 5999, Polymeric materials, cellular flexible - Polyurethane foam for load-bearing applications excluding carpet underlay - Specification (ISO 5999: 1982) - 3/16/2004, $20.00

prEN ISO 6272-1, Paints and varnishes - Rapid-deformation (impact resistance) tests - Part 1: Falling-weight test, large-area indenter (ISO 6272-1: 2002) - 3/16/2004, $20.00

prEN ISO 6383-1, Plastics - Film and sheeting - Determination of tear resistance - Part 1: Trouser tear method (ISO 6383-1: 1983) - 3/16/2004, $20.00

prEN ISO 6383-2, Plastics - Film and sheeting - Determination of tear resistance - Part 2: Elmendorf method (ISO 6383-2: 1983) - 3/16/2004, $20.00

prEN ISO 7765-1, Plastics film and sheeting - Determination of impact resistance by the free-falling dart method - Part 1: Staircase methods (ISO 7765-1: 1988) - 3/16/2004, $20.00

prEN ISO 7792-1, Plastics -Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 7792-1: 1997) - 3/16/2004, $20.00

prEN ISO 7792-2, Plastics -Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 7792-2: 1997) - 3/16/2004, $20.00

prEN ISO 8295, Plastics - Film and sheeting - Determination of coefficients of friction (ISO 8295: 1995) - 3/16/2004, $20.00

prEN ISO 9886 REVIEW, Ergonomics - Evaluation of thermal strain by physiological measurements (ISO/FDIS 9886: 2003) - 3/16/2004, $20.00

prEN ISO 11501, Plastics - Film and sheeting - Determination of dimensional change on heating (ISO 11501: 1995) - 3/16/2004, $20.00

prEN ISO 14616, Plastics - Heatshrinkable films of polyethylene, ethylene copolymers and their mixtures - Determination of shrinkage stress and contraction stress (ISO 14616: 1997) - 3/16/2004, $20.00

prEN ISO 14851, Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer (ISO 14851: 1999) - 3/16/2004, $20.00

prEN ISO 14852, Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by analysis of evolved carbon dioxide (ISO 14852: 1999) - 3/16/2004, $20.00

prEN ISO 14855, Determination of the ultimate aerobic biodegradability and disintegration of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide (ISO 14855: 1999) - 3/16/2004, $20.00

prEN ISO 15103-1, Plastics - Poly(phenylene ether) (PPE) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 15103-1: 2000) - 3/16/2004, $20.00

prEN ISO 15103-2, Plastics - Poly(phenylene ether) (PPE) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 15103-2: 2000) - 3/16/2004, $20.00

prEN ISO 15526-1, Plastics - Polyketone (PK) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 15526-1: 2000) - 3/16/2004, $20.00

prEN ISO 15526-2, Plastics - Polyketone (PK) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 15526-2: 2000) - 3/16/2004, $20.00

prEN ISO 15614-6, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 6: Arc welding of copper and its alloys (ISO/DIS 15614-6: 2003) - 3/16/2004, $56.00

prEN ISO 17659, Welding - Multilingual terms for welded joints with illustrations (ISO 17659: 2002) - 3/16/2004, $20.00

European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

EN ISO 15225: 2000/prA1, Nomenclature - Specification for a nomenclature system for medical devices for the purpose of regulatory data exchange - Amendment 1 (ISO 15225: 2000/FDAM 1: 2003)

prCEN/TS 14807, Plastics piping systgems - Glass-reinforced themosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the structural analysis of buried GRP-UP pipelines

prEN 847-3, Tools for woodworking - Safety requirements - Part 3: Clamping devices

prEN 12463, Food processing machinery - Filling machines and auxiliary machines - Safety and hygiene requirements

prEN 14015, Specification for the design and manufacture of site built, vertical, cylindrical, flat-bottomed, above ground, welded steel tanks for the storage of liquids at ambient temperature and above

prEN 14364, Plastics piping systems for drainage and sewerage with or without pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Specifications for pipes, fittings and joints

prEN 14414, Geosynthetics - Screening test method for the determining chemical resistance for landfill applications

prEN 14415, Geosynthetics barriers - Test method for determining the resistance to leaching

prEN ISO 295 REVIEW, Plastics - Compression moulding of test specimens of thermosetting materials (ISO/FDIS 295: 2003)

prEN ISO 2063 REVIEW, Thermal spraying - Metallic and other inorganic coatings - Zinc, aluminium and their alloys (ISO/FDIS 2063: 2003)

prEN ISO 11681-1, Machinery for forestry - Portable chain-saw - Safety requirements and testing - Part 1: Chain-saws for forest work (ISO/FDIS 11681-1: 2003)

prEN ISO 12193 REVIEW, Animal and vegetable fats and oils - Determination of lead by direct graphite furnace atomic absorption spectroscopy (ISO/FDIS 12193: 2003)

prEN ISO 15609-1, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 1: Arc welding (ISO/FDIS 15609-1: 2003)

prEN ISO 15609-3, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 3: Electron beam welding (ISO/FDIS 15609-3: 2003)

prEN ISO 15609-4, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 4: Laser beam welding (ISO/FDIS 15609-4: 2003)

prEN ISO 15609-5, Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 5: Resistance welding (ISO/FDIS 15609-5: 2003)

prEN ISO 15612, Specification and qualification of welding procedures for metallic materials - Approval by a standard welding procedure (ISO/FDIS 15612: 2003)

prEN ISO 15614-12, Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 12: Spot, seam and projection welding (ISO/FDIS 15614-12: 2003)

prEN ISO 16032, Acoustics - Measurement of sound pressure level from service equipment in buildings - Engineering method (ISO/FDIS 16032: 2003)

prEN ISO 17249, Safety footwear with resistance to chain saw cutting (ISO/FDIS 17249: 2003)

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) 642-4975.

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

Biosense Webster

Organization: Biosense Webster (Israel), Ltd., a Johnson & Johnson company
7 Etgar Street, Einstein Bldg.
P.O.B. 2009, Tirat HaCarmel, 39120 Israel
Contact: Mooly Auerbach
PHONE: +972 4 8 131111
FAX: +972 4 8 131112
E-mail: mauerbac@bwill.jnj.com

Public Review: August 29, 2003 to November 27, 2003

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

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

Proposed Foreign Government Regulations

Call for Comment

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

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to http://ts.nist.gov/ncsci and click on "Export Alert!".

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

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

Information Concerning

ANSI-RAB National Accreditation Program for Quality Management Systems

Notice of Withdrawal of Application for Accreditation

Registrar

Standards American Registrations Authority Registrar, Inc.

Effective October 16, 2003, Standards American Registrations Authority Registrar, Inc. has withdrawn its application of for registration of quality management systems. As an applicant, Standards American Registrations Authority Registrar, Inc. was never authorized to issue ANSI-RAB NAP-accredited QMS certificates.

U.S. Technical Advisory Groups

Approval of Reaccreditation

ISO/IEC/JTC 1/SC 31, Automatic identification and data capture techniques

The Executive Standards Council has approved the reaccreditation of the U.S. Technical Advisory Group to ISO/IEC/JTC 1/SC 31, Automatic identification and data capture techniques, using revised operating procedures and with the Food Marketing Institute continuing as TAG Administrator, effective October 17, 2003. For additional information, please contact: Mr. Ted Mason, Director, EPS Network Services & Emerging Technologies, Food Marketing Institute, 655 15th Street, NW, Washington, DC 20005; PHONE: (202) 220-0735; FAX: (202) 220-0877; E-mail: jmason@fmi.org.

BSR/ASHRAE/IESNA Addendum ab to ANSI/ASHRAE/IESNA Standard 90.1-2001

This supplement will be submitted to the American National Standards Institute Board of Standards Review (BSR) for approval.

ASHRAE® STANDARD

Energy Standard for Buildings Except Low-Rise Residential Buildings

FIRST PUBLIC REVIEW

August 2003

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

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Foreword

The project committee discovered that NFPA 96 does not contain a Type 1 classification for kitchen hoods as stated in exception d to Section 6.3.6.1. Type 1 comes from definitions in the International Mechanical Code (IMC), which defines Type 1 hood as a kitchen hood for collecting and removing grease vapors, and smoke. With exception (d) modified to define commercial kitchen hoods per IMC the reference to NFPA 96 can be deleted. Also, the wording will now be the same as that in the IMC and therefore there is no need to reference it.

Addendum ab to 90.1-2001 (I-P and SI editions)

Revise exception (d) to Section 6.3.6.1 as follows:

Exceptions to 6.3.6.1:

(d) Commercial kitchen hoods (grease) ~~classified as Type 1 by *NFPA 96*~~ used for collecting and removing grease vapors and smoke.

BSR/ASHRAE/IESNA Addendum t to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

The purpose of this proposed change is to address critical maintenance and other areas with dangerous equipment or materials such as an elevator machine rooms, mechanical rooms, electrical rooms, industrial processes, and hazardous materials storage. In addition, hospitals may have three different power sources feeding lighting for equipment areas-normal, life safety, and critical branches that need to be independently routed, circuited and switched. Healthcare clientele have expressed concern over the safety and practicality of introducing an automatic shut-off of lighting in patient care areas.

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Addendum t to 90.1-2001 (I-P and SI editions)

*Change the **Exception to 9.2.1.1** as follows:*

Exceptions to 9.2.1.1: The following shall not require an *automatic control device*.

(a) Lighting intended for 24-hour operation. ~~shall not require an *automatic control device*.~~

(b) Lighting in spaces where patient care is rendered.

(c) Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s).

BSR/ASHRAE/IESNA Addendum v to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

Reducing the outside air volume when a space is not fully occupied saves energy without compromising the indoor air quality of the building. In recent years this type of control strategy, termed demand control ventilation (DCV), has become increasingly popular and economically attractive as more manufacturers began offering the components needed to implement it, and prices for the equipment significantly decreased.

The revisions in this addendum create new requirements for demand control ventilation (DCV) in single zone systems serving spaces with high design occupant density. Existing requirements for the application of DCV to larger, multiple-zone systems serving spaces with very high design occupant density remain unchanged.

The addition of regulation of ventilation to each zone in multiple-zone systems is to help ensure that each space is ventilated appropriately.

Addendum v to 90.1-2001 (I-P and SI editions)

Revise Section 6.2.3.8 as follows:

6.2.3.8 Ventilation Controls for High-Occupancy Areas. ~~Systems with~~ The following systems shall incorporate means to automatically reduce outside air intake below design rates when spaces are unoccupied or partially occupied:

a. Single-zone systems when an economizer is required by Section 6.3.1, design outside air is greater than 1,200 cfm (600 L/s), and design occupancy of the spaces served by the system is greater than 40 people per 1,000 ft^2 (100 m^2) of floor area.

b. Multiple-zone systems when design outside air capacity~~ies~~ is greater than 3,000 cfm (1400 L/s) and average design occupancy of the spaces served by the system is greater than ~~serving areas having an average design occupancy density exceeding~~ 100 people per 1,000 ft^2 (100 m^2) of floor area. ~~shall include means to automatically reduce outside air intake below design rates when spaces are partially occupied.~~

Ventilation controls shall be in compliance with ASHRAE Standard 62 and local standards. For multiple-zone applications, ventilation to each zone containing a space with a design occupancy greater than 100 people per 1,000 ft^2 (100 m^2) of floor area shall be regulated.

BSR/ASHRAE/IESNA Addendum w to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

The proposed addendum adds a fan power limitation to continuously running parking garage fans. The limit may be used in place of automatic shut off controls.

Addendum w to 90.1-2001 (I-P and SI editions)

Revise Section 6.3.3.1 as follows.

6.3.3.1 Fan Power Limitation.
a. The ratio of the fan system power to the supply fan airflow rate (main fan) of each HVAC system at design conditions shall not exceed the allowable fan system power shown in Table 6.3.3.1, except that for parking garage ventilation fans the value shall not exceed 0.5 hp/1,000 cfm (0.80 kW/1000L/s) where the parking garage ventilation fan does not have an automatic control complying with Section 6.2.3.2.1 that is capable of shutting off fans or reducing fan volume during periods when the garage is not in use.

BSR/ASHRAE/IESNA Addendum y to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

This addendum changes the limitation on VAV fan motor requirements from 30 hp (22kW) to 15 hp (11kW). The reduction to 15 hp (11kW) from 30 hp (11kW) is justifiable since the cost of VFD's has decreased significantly over the past few years.

Addendum y to 90.1-2001 (I-P and SI editions)

Change Section 6.3.3.2.1 as follows:

6.3.3.2.1 Part-Load Fan Power Limitation. Individual VAV fans with motors ~~30~~ 15 hp (~~22~~ 11 kW) and larger shall meet one of the following:

a. The fan shall be driven by a mechanical or electrical variable-speed drive.
b. The fan shall be a vane-axial fan with variable-pitch blades.
c. The fan shall have other controls and devices that will result in fan motor demand of no more than 30% of design wattage at 50% of design air volume when static pressure set point equals one-third of the total design static pressure, based on manufacturer's certified fan data.

BSR/ASHRAE/IESNA Addendum z to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

*This change clarifies the language in the exception to Section 6.2.1. The modification was to clearly show that applications requiring secondary coolants (e.g.: glycol or brine) for freeze protection are excluded from the standard. This was previously implied in the labels of "Leaving Chiller **Water** Temperature, Entering Condenser **Water** Temperature and Condensing **Water** Temperature Rise", and has now been more clearly defined.*

Addendum z to 90.1-2001 (I-P and SI editions)

Revise the Exception to 6.2.1 as follows:

Exception to 6.2.1: Water-cooled centrifugal water-chilling packages that are not designed for operation at ARI Standard 550/590 test conditions (and thus cannot be tested to meet the requirements of Table 6.2.1C) of 44°F (6.7°C) leaving chilled water temperature and 85°F (29.4°C) entering condenser water temperature shall have a minimum full-load COP as shown in Tables 6.2.1H, I, and J and a minimum NPLV rating as shown in Tables 6.2.1 K, L, and M. The table values are only applicable over the following full-load design ranges:

Leaving Chiller Water Temperature:	40°F to 48°F (4.4°C to 8.9~~6.7~~°C)
Entering Condenser Water Temperature:	75°F to 85°F (23.9°C to 29.4°C)
Condensing Water Temperature Rise:	5°F to 15°F (2.8°C to 8.3°C)

Chillers designed to operate outside of these ranges or applications utilizing fluids or solutions with secondary coolants (e.g. glycol solutions or brines) with a freeze point of 27°F (-2.8°C) or less for freeze protection are not covered by this standard.

Non-standard part-load value (NPLV) is defined as a single-number part-load efficiency figure of merit for chillers referenced to conditions other than IPLV conditions.

BSR/ASHRAE/IESNA Addendum ae to ANSI/ASHRAE/IESNA Standard 90.1-2001

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Foreword

This occupancy sensor control requirement provides limited application of occupancy sensors to provide more complete energy savings than the automatic shutoff control. Much research and study has been done on the effectiveness and cost justification of occupancy sensor controls in building spaces. The development of this requirement by the subcommittee and other interested parties included the review of known information and analysis regarding potential energy savings, cost effectiveness, equipment availability, and application and commissioning issues. The spaces listed in this requirement were those that were determined to be common to many building types, easily outfitted with occupancy controls, and, based on the available analysis, were conservatively cost effective applications.

Addendum ae to 90.1-2001 (I-P and SI editions)

Revise Section 9.2.1.2 as follows:

9.2.1.2 Space Control. Each space enclosed by ceiling-height partitions shall have at least one *control device* to independently *control* the *general lighting* within the space. Each manual device shall be readily accessible and located so the occupants can see the controlled lighting.

a. For classrooms, conference rooms, meeting rooms, employee lunchrooms, and employee break rooms, the control device shall be an occupant sensor that shall turn lighting off within 30 minutes of all occupants leaving a space. These spaces are not required to be connected to other automatic lighting shutoff controls.

b. For all other spaces, ~~E~~each *control device* shall be activated either manually by an occupant or automatically by sensing an occupant. Each *control device* shall ~~a.~~ control a maximum of 2500 ft^2 (232 m^2) area for a space 10,000 ft^2 (929 m^2) or less and a maximum of 10,000 ft^2 (929 m^2) area for a space greater than 10,000 ft^2 (929 m^2), and ~~b.~~ be capable of overriding ~~the~~ any time-of-day scheduled shutoff *control* ~~required in 9.2.1.1~~ for no more than four hours~~, and~~ .

~~c. be readily accessible and located so the occupant can see the controlled lighting.~~

Exception to 9.2.1.2: Remote location shall be permitted for reasons of safety or security when the remote control device has an indicator pilot light as part of or next to the control device and ~~it~~ the light ~~shall be~~ is clearly labeled to identify the controlled lighting.

BSR/ASHRAE/IESNA Addendum x to ANSI/ASHRAE/IESNA Standard 90.1-2001

This supplement will be submitted to the American National Standards Institute Board of Standards Review (BSR) for approval.

ASHRAE® STANDARD

Energy Standard for Buildings Except Low-Rise Residential Buildings

FIRST PUBLIC REVIEW
August 2003

This draft has been recommended for public review by the responsible project committee. Public review of this proposed addendum has been authorized by a subcommittee of the Standards Committee. Until final approval by the ASHRAE Board of Directors, this draft addendum is subject to modification and Standard 90.1-2001 remains in effect. Instructions and a form for commenting are provided with this draft. Although reproduction of drafts during the public review period is encouraged to promote additional comment, permission must be obtained to reproduce all or any part of this document from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Phone: 404-636-8400, Ext. 502. Fax: 404-321-5478. E-mail: cramspeck@ashrae.org

The parent standard, not including this proposed change, is under continuous maintenance. The change submittal form, instructions and deadlines may be obtained in electronic form from ASHRAE's Internet Home Page, *http://www/ashrae.org*, or in paper form from the Manager of Standards. The latest edition of an ASHRAE Standard and printed copies of a public review draft may be purchased from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. E-mail: *orders@ashrae.org*. Fax: 404-321-5478. Telephone: 404-636-8400 (worldwide), or toll free 1-800-527-4723 (for orders in U.S. and Canada).

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Foreword

The following addendum proposes off-hour controls for HVAC systems greater than 15,000 Btu/h (4.4kW). This is a change from the current 65,000 Btu/h (19 kW). Exceptions still apply for systems intended to operate continuously, and for hotel/motel guest rooms.

The addendum adds a requirement for fan motors larger than ¾ hp (0.5 kW) to have automatic shut off controls, with an exception for fans intended to run continuously.

Addendum x to 90.1-2001 (I-P and SI editions)

Revise Sections 6.1.3i and 6.2.3.2 and add a new Section 6.2.3.3.5 as follows:

6.1.3 Simplified Approach Option for HVAC Systems.

i. *Systems* serving spaces other than hotel/motel guest rooms, and other than those requiring continuous operation, that have both a cooling or heating capacity greater than ~~65,000~~ 15,000 Btu/h (~~19~~ 4.4 kW) and a supply fan motor power greater than ¾ hp (0.5 kW) shall be provided with a timeclock that (1) can start and stop the system under different schedules for seven different day-types per week, (2) is capable of retaining programming and time setting during a loss of power for a period of at least 10 hours, (3) includes an accessible manual override that allows temporary operation of the system for up to twp hours, (4) is capable of temperature setback down to 55°F (13°C) during off hours, and (5) is capable of temperature setup to 90°F (32°C) during off hours.

6.2.3.2 Off-Hour Control. HVAC systems ~~having a design heating or cooling capacity greater than 65,000 Btu/h (19kW) and *fan system power* greater than ¾ hp (0.5 kW) shall have all of the following off-hour controls: Automatic Shutdown (6.2.3.2.1), Setback Controls (6.2.3.2.2), Optimum Start Controls (6.2.3.2.3), Shutoff Damper Controls (6.2.3.2.4), and Zone Isolation (6.2.3.2.5)~~ shall have the off-hour controls required by Sections 6.2.3.2.1 to 6.2.3.2.4.

Exceptions to 6.2.3.2:
(a) HVAC systems serving hotel/motel guest rooms.
(b) HVAC systems intended to operate continuously.
(c) *HVAC systems* having a design heating capacity and cooling capacity less than 15,000 Btu/h (4.4 kW) that are equipped with readily accessible manual on/off controls.

6.2.3.3.5 Ventilation Fan Controls. Fans with motors greater than ¾ hp (0.5 kW) shall have automatic controls complying with Section 6.2.3.2.1 that are capable of shutting off fans when not required.

Exception to 6.2.3.3.5: *HVAC systems* intended to operate continuously.

Summary of Changes for the First Edition of Standard for Electrical Rigid Metal Conduit – Aluminum and Stainless Steel, UL 6A

Table 7.2 **Dimensions of Conduit** will be revised to include a footnote "[a]To be developed" to note that requirements for the interior diameters of red brass will be developed in the future. The superscript "a" will also be inserted in the following columns of the table: "Inside diameter, Red brass" columns and "Wall thickness, Red brass."

8.1 A nipple shall be made from straight tubing of the same grade as the conduit; shall be treated, coated, threaded, etc. according to the applicable requirements for conduit and shall not exceed 2 feet (610 mm) in length.

Exception: Nipples of the ½ (16) trade size in any metal shall not exceed 6 feet (1.83 m) in length.

8.3 Example – The minimum weight of one hundred 14-inch (356-mm) long aluminum nipples of the 1-1/2 (41) trade size having a density of 0.090 pound mass per cubic inch (2685 kg/m^3) is:

$$98(0.90/0.098) – 3.81 = 89.19 \text{ lbs}$$

or

$$44.5(2489/2710) – 1.73 = 40.87 \text{ kg}$$