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Contents

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American National Standards

Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC 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 should 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.

⋆ Standard for consumer products

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

ISSN 0038-9633

Comment Deadline: June 9, 2002

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

Supplements

BSR/ASHRAE 62z-200x, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda z (supplement to ANSI/ASHRAE 62-1999)

This addendum addresses air-cleaning requirements for ozone. The current standard requires outdoor air assessment, and recommends outdoor cleaning for contaminants of concern, but it does not require cleaning for ozone. This addendum requires gaseous air cleaning when the outdoor ozone concentration is high, but it does not require air cleaning for other gaseous contaminants.

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., Attn: Manager of Standards, public.review.comments@ashrae.org

BSR/ASHRAE 62r-200x, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda r (supplement to ANSI/ASHRAE 62-1989)

This addendum addresses outdoor air-quality assessment and air-cleaning requirements. The current standard requires outdoor air assessment and recommends outdoor cleaning but does not require it. The section where outdoor air cleaning is currently discussed (Section 5.9) is replaced with a new Section 4, which requires outdoor air-quality assessment for all ventilation systems.

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., Attn: Manager of Standards, at public.review.comment@ashrae.org

BSR/ASHRAE 62af-200x, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda af (supplement to ANSI/ASHRAE 62-1999)

This addendum implements changes to the Purpose and Scope of the standard that are contained in the approved Target, Title Purpose and Scope of the standard. These changes address how the standard relates to new and existing buildings, clarifies its coverage of industrial and laboratory spaces, and adds a caveat concerning situations where outdoor air quality may be poor.

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., Attn: Manager of Standards, public.review.comments@ashrae.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 698A-200x, Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (new standard)

These requirements cover industrial control panels intended for general industrial use and installation in unclassified locations with intrinsically safe circuit extensions into Class I, Class II, and Class III, Division 1 hazardous (classified) locations in accordance with the National Electrical Code, NFPA 70.

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: Carol Chudy, UL-NC; Carol.A.Chudy@us.ul.com

Comment Deadline: June 24, 2002

API (American Petroleum Institute)

New National Adoptions

BSR/API RP 17M/ISO 13628-9, Specification for Subsea Control Systems (new national adoption)

Applicable to design, fabrication, testing, installation and operation of subsea production control systems. Covers surface control system equipment, subsea-installed control system equipment and control fluids. This equipment is utilized for control of subsea production of oil and gas and for subsea water and gas injection services.
Single copy price: $25.00

Obtain an electronic copy from: bellingerb@api.org

Order from: Andy Radford, API; radforda@api.org
Send comments (with copy to BSR) to: Same

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

Supplements

BSR/ASHRAE 62ae-200x, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda ae (supplement to ANSI/ASHRAE 62-1999)

This addendum addresses a number of distinct issues that have not been dealt with by previous addenda. It adds definitions of the terms indoor air, cognizant authority and industrial space. It modifies or deletes several existing definitions in an attempt to clarify language and to delete a term that is not used in the standard.
Single copy price: Free

Obtain an electronic copy from: www.ashrae.org

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

ASME (American Society of Mechanical Engineers)

Supplements

BSR/ASME Y14.38a-200x, Abbreviations and Acronyms (supplement to ANSI/ASME Y14.38-1999)

This addenda updates the lists of abbreviations and acronyms.
Single copy price: $10.00

Obtain an electronic copy from: rodriguezs@asme.org

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

BHMA (Builders Hardware Manufacturers Association)

New Standards

BSR/BHMA A156.27-200x, Revolving Doors (new standard)

Requirements in this standard apply to power operated revolving type doors which rotate automatically when approached by pedestrians, some small vehicular use, and manual revolving type doors for pedestrians. Included are provisions to reduce the chance of user injury and entrapment. Revolving doors for industrial or trained traffic are not covered in this Standard.
Single copy price: $18.00 (members $9.00)

Obtain an electronic copy from: www.buildershardware.com

Order from: Michael Tierney, BHMA; mptierney@snet.net.
Send comments (with copy to BSR) to: Same

Revisions

BSR/BHMA A156.7-200x, Hinge Templates (revision of ANSI/BHMA A156.7-1988 (R1997))

The purpose of this Standard is to establish nationally recognized dimensions for builders template hinges which are used on metal doors and frames. This Standard is intended to assure the interchangeability of template hinges and to provide a uniform method for template identification.
Single copy price: $18.00 (members $9.00)

Obtain an electronic copy from: www.buildershardware.com

Order from: Michael Tierney, BHMA; mptierney@snet.net.
Send comments (with copy to BSR) to: Same

IPC (IPC - Association Connecting Electronics Industries)

New Standards

BSR/IPC 4203-200x, Adhesive coated Dielectric Films for Use as Cover Sheets for Flexible Printed Wiring and Flexible Adhesive Bonding Films (new standard)

This Standard establishes the classification system, the qualification and quality conformance requirements for dielectric films coated with an adhesive on one side, which are to be used as cover sheets for flexible printed wiring, dielectric films coated on one side or two sides with adhesive and unsupported adhesive films to be used in the fabrication of flexible printed wiring. This standard supersedes IPC FC-232C and FC-233A.
Single copy price: Free

Obtain an electronic copy from: ansirequests@ipc.org

Order from: Rhoda Butchin, IPC; Butcrh@ipc.org
Send comments (with copy to BSR) to: Same

Revisions

BSR/IPC 4202-2002, Flexible Metal-Clad Dielectrics for Use in Fabrication of Flexible Printed Wiring (revision of ANSI/IPC FC-231C-1991)

This standard establishes the classification system, the qualification and quality conformance requirements for flexible metal-clad dielectric materials to be used for the fabrication of flexible printed wiring and flexible flat cable. This specification supersedes IPC-FC-241C and the requirements herein meet or exceed the requirements for Class 3 in this superseded document. Note that conformance to Class 3 met or exceeded conformance to Classes 1 and 2.
Single copy price: Free

Obtain an electronic copy from: ansirequests@ipc.org

Order from: Rhoda Butchin, IPC; Butcrh@ipc.org
Send comments (with copy to BSR) to: Same

BSR/IPC 4204-200x, Flexible Base Dielectrics for Use in Flexible Printed Wiring (revision of ANSI/IPC FC-241C-1992)

This standard establishes the classification system, the qualification and quality conformance requirements for flexible metal-clad dielectric materials to be used for the fabrication of flexible printed wiring and flexible flat cable. This specification supersedes IPC-FC-241C and the requirements herein meet or exceed the requirements for Class 3 in this superseded document. Note that conformance to Class 3 met or exceeded conformance to Classes 1 and 2.
Single copy price: Free

Obtain an electronic copy from: ansirequests@ipc.org

Order from: Rhoda Butchin, IPC; Butcrh@ipc.org
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ITI (INCITS)

Reaffirmations

BSR INCITS 94-1985 (R1997), Programming Aid to Numerically Controlled Manufacturing (PANCM) (reaffirmation and redesignation of ANSI X3.94-1985 (R1996))

Standardizes the language features of the SPLIT, ACTION, and COMPACT II languages, to ensure compatibility of language enhancements and to promote portability of part programs between implementations.

Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 139-1987 (R1997), Information Systems - Fiber Distributed Data Interface (FDDI) - Token Ring Media Access Control (MAC) (reaffirmation and redesignation of ANSI X3.139-1987 (R1997))

Specifies the Media Access Control (MAC), the lower sublayer of the Data Link Layer (DLL), for the Fiber Distributed Data Interface (FDDI).
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 165-1992 (R1997), Information Systems - Programming Language - DIBOL (reaffirmation and redesignation of ANSI X3.165-1992 (R1997))

This standard is designed to promote the interchangeability of DIBOL programs among a variety of computers. Programs conforming to this standard will be said to be written in DIBOL.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

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Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 186-1992, Information Systems - Fiber-Distributed Data Interface (FDDI) - Hybrid Ring Control (HRC) (reaffirmation and redesignation of ANSI X3.186-1992 (R1997))

Specifies a Hybrid Ring Control (HRC) protocol that provides a mode of operation in which both packet switched and isochronous data are transmitted within the same special frame structure, called a cycle.
Single copy price: $18.00

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Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 189-1991 (R1997), Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Terminals Operating in the Packet Mode and Accessing a Packet-Switched Public Data Network Through Switched Access (reaffirmation and redesignation of ANSI X3.189-1991 (R1997))

Adopts the international CCITT X.32 standard, modifications and extensions to apply to DTE/DCE interfaces.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: Global Engineering Documents
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BSR INCITS 257-1997, Information Technology - FDDI Station Management-2 Common Services˝(SMT-2-CS) (reaffirmation and redesignation of ANSI X3.257-1997)

This standard specifies the common services portion of station˝management-2 (SMT-2-CS) for the Fibre Distributed Data Interface (FDDI).

Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 258-1997, Fibre Distributed Data Interface (FDDI) - Station Management-2 - Isochronous Services (SMT-2-IS) (reaffirmation and redesignation of ANSI X3.258-1997)

The Isochronous Services (SMT-2-IS) which are required to manage an Isochronous Meida Access Controller (I-MAC) that provides isochronous channel service to circuit-switched users such as a CS-Mux.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

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Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 259-1997, Information Technology - FDDI Station Management-2 Packet Services (SMT-2-PS) (reaffirmation and redesignation of ANSI X3.259-1997)

This standard specifies the Packet services portion of Station Management-2 (SMT-2-PS) for the Fibre Distributed Data Interface (FDDI).
Single copy price: $18.00

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BSR INCITS 278-1997, Information Technology - Fibre distributed data interface (FDDI) - Physical Layer Repeater Protocol (PHY-REP) (reaffirmation and redesignation of ANSI X3.278-1997)

Specifies the Physical Layer Repeater Protocol (PHY- REP) for the upper sublayer of the FDDI Physical Layer. Specifies the PHY level entity of a repeater. This repeater will use existing PMD specifications.
Single copy price: $18.00

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BSR INCITS 286-1997, nformation Technology - Abstract Test Suite for FDDI Station Management Conformance Testing (FDDI SMT ATS) (reaffirmation and redesignation of ANSI X3.286-1997)

Contains the abstract test suites for the FDDI token ring Station Management (SMT) layer protocol. The SMT Protocol is extensive and very complex. In the development process, the protcol was broken into six separate areas. Those areas dealt with Physical Connection management (PCM), Entity Coordination Management (ECM), Ring Management (RMT), Configuration Management (CMT), Frame Based Management (FBM), and Management Information Base (MIB).
Single copy price: $18.00

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR/ISO/IEC 14517-1996, Information technology - 130 mm optical disk cartridges for information interchange - Capacity: 2,6 Gbytes per cartridge (reaffirmation of ANSI/ISO/IEC 14517-1996)

This International Standard defines a series of related 130 mm optical dick cartridges (ODCs) by using a number of Type designations.
Single copy price: $124.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore/find.asp?

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Barbara Bennett, INCITS; bbennett@itic.org

BSR/ISO/IEC 15041-1997, Information technology - Data interchange on 90 mm optical disk cartridges - Capacity: 640 Mbytes per cartridge (reaffirmation of ANSI/ISO/IEC 15041:1997 (R1997))

This International Standard defines the characteristics of 90 mm Optical Disk Cartridges (ODC) with a capacity of 640 Mbytes per Cartridge.
Single copy price: $124.00

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Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Barbara Bennett, INCITS; bbennett@itic.org

Withdrawals

BSR X3.88-1981 (R1997), Computer Program Abstracts (withdrawal of ANSI X3.88-1981 (R1997))

This standard defines the content of a computer program abstract. The abstract is a summary of the capabilities, operating environment, and other descriptive information concerning the computer program.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: Global Engineering Documents
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR X3.298-1997, AT Attachment Interface (ATA-3) (withdrawal of ANSI X3.298-1997)

This standard specifies the AT Attachment Interface between host systems and˝storage devices. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore/find.asp?

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

NISO (National Information Standards Organization)

Reaffirmations

BSR/NISO Z39.48-1992 (R1997), Permanence of Paper for Publications and Documents in Libraries and Archives (reaffirmation of ANSI/NISO Z39.48-1992 (R1997))

Sets the basic criteria for coated ad uncoated papers that will last several hundred years under normal use. Covers pH value, tear resistance, alkaline reserve and lignin threshold.
Single copy price: $40.00 (current published standard)

Obtain an electronic copy from: www.niso.org/standards/balloting.html

Order from: Jane Thomson, NISO; nisohq@niso.org
Send comments (with copy to BSR) to: Same

BSR/NISO Z39.56-1996, Serial Item and Contribution Identifier (SICI) (reaffirmation of ANSI/NISO Z39.56-1996)

The SICI is a variable length code to be used to identify print and electronic publications. It accommodate proprietary numbering schemes.
Single copy price: $49.00 (current published standard)

Obtain an electronic copy from: www.niso.org/standards/balloting.html

Order from: Jane Thomson, NISO; nisohq@niso.org
Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 61965-200x, Mechanical Safety of Cathode Ray Tubes (new national adoption)

This International Standard is applicable to cathode ray tubes and cathode ray tube assemblies (CRTs) which are intended for use as components in apparatus and which have integral protection with respect to the effects of implosion.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to: Patricia Sena, UL-NY; Patricia.A.Sena@us.ul.com

Revisions

BSR/UL 1690-200x, Standard for Safety for Data-Processing Cable (Bulletin dated: December 2001) (revision of ANSI/UL 1690-1997)

Revised References from the Standard for Safety of Information Technology Equipment, UL 1950 to the Standard for Safety of Information Technology Equipment, UL 60950. Revised Energy Markings for Optical-fiber Cables.
Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to: Helen Ketcham, UL-NY; Helen.W.Ketcham@us.ul.com

Comment Deadline: July 9, 2002

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

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI RD47-200x, Reuse of Hemodialyzers (revision of ANSI/AAMI RD47-1993)

This recommended practice is addressed to the physician responsible for reprocessing hemodialyzers. It covers personnel and patient considerations, records, equipment, physical plant and environmental safety, reprocessing material, patient identification and hemodialyzer labeling, reprocessing and storage procedures, disposition of rejected dialyzers, preparation for subsequent use, patient monitoring, and quality assurance and quality control.
Single copy price: $25.00 + $5.00 postage/handling ($20.00 for AAMI members, plus p./h.)

Order from: AAMI (Attn: Customer Service), order code RD47-D
Send comments (with copy to BSR) to: Paul Balcer, AAMI; paul_balcer@aami.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31.4-200x, Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids (revision of ANSI/ASME B31.4-1998)

Prescribes requirements from the design, materials, construction, assembly, inspection, and testing of piping transporting liquids such as crude oil, condensate, natural gasoline, etc. between producers' lease facilities, tank farms, natural gas processing plants, and other delivery and receiving points.
Single copy price: $30.00

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

BSR/ASME QME-1-200x, Qualification of Active Mechanical Equipment Used in Nuclear Power Plants (revision of ANSI/ASME QME-1-2000)

This proposed revision is for the addition of 2 new sections - QV Guide and QDR, and for the addition of SI units in parenthesis to the primary US Customary Units.
Single copy price: $10.00

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

Supplements

BSR/ASME B18.24.1a-200x, Part Identifying Number (PIN) Code System Standard for B18 Externally Threaded Products (supplement to ANSI/ASME B18.24.1-1996)

This standard is intended to provide all users (manufactures, distributors, design and configuration, parts control, inventory control, test and maintenance functions) with the capability to identify externally threaded fastener products by a pre-selected order of coding as specified herein.
Single copy price: $10.00

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

BSR/ASME B31.1a-200x, Power Piping (supplement to ANSI/ASME B31.1-1998)

This Code prescribes minimum requirements for the design, materials, fabrication, erection, test, and inspection of power and auxiliary service piping systems for electric generation station, industrial and institutional plants, central and district heating plants, and district heating system.
Single copy price: $45.00

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

AWS (American Welding Society)

New Standards

BSR/AWS B2.1-1/8-227:200x, Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1/P-1/S-1 Groups 1 and 2 Welded to M-8/P-8/S-8, Group 1) 1/16 through 1-1/2 inch thick, ER309, As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for carbon steel to austenitic stainless steel in the thickness range of 1/16 through 1-1/2 inch, using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment. The filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.
Single copy price: $4.50

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Leonard Connor, AWS; lconnor@aws.org

BSR/AWS B2.1-1/8-228-200x, Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1/P-1/S-1 Groups 1 and 2 Welded to M-8/P-8/S-8, Group 1) 1/8 through 1-1/2 inch thick, ER309-15, 16 or, 17, As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for welding carbon steel to austenitic stainless steel in the thickness range of 1/8 through 1-1/2 inch, using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment. The filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.
Single copy price: $4.00

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Leonard Connor, AWS; lconnor@aws.org

BSR/AWS B2.1-1/8-229-200x, Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Carbon Steel to Austenitic Stainless Steel (M-1/P-1/S-1 Groups 1 and 2 Welded to M-8/P-8/S-8, Group 1) 1/8 through 1-1/2 inch thick, ER309 and E309-15, 16, or 17, As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for welding carbon steel to austenitic stainless steel in the thickness range of 1/8 through 1-1/2 inch, using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment. The filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.

Single copy price: $4.50

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Leonard Connor, AWS; lconnor@aws.org

BSR/AWS B2.1-1/8-231-200x, Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding, with Consumable Insert Root, Followed by Shielded Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1/P-1/S-1, Groups 1 and 2 Welded to M-8/P-8/S-8, Group 1) 1/8 through 1-1/2 inch thick, IN309, ER309, and E309-15, 16, or, 17, As-Welded Condition, Primarily Pipe Applications (new standard)

This standard contains the essential welding variables for welding carbon steel to austenitic stainless steel in the thickness range of 1/8 through 1-1/2 inch, using manual gas tungsten arc welding with consumable insert root, followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment. The filler metal specifications, and the allowable joint designs for groove welds. This SWPS was developed primarily for pipe applications.
Single copy price: $6.00

Order from: R. O'Neill, AWS; roneill@aws.org
Send comments (with copy to BSR) to: Leonard Connor, AWS; lconnor@aws.org

NAHBRC (NAHB Research Center Inc.)

Revisions

★ BSR/NAHB-RC Z765-200x, Single-Family Residential Buildings - Square Footage - Method for Calculating (revision and redesignation of ANSI Z765-1996)

The 1996 edition of ANSI standard Z765, "Single-Family Residential Buildings - Square Footage Method for Calculating," is undergoing a 60-day public review. This standard describes the procedures to be followed in measuring and calculating the square footage of detached and attached single-family houses. The standard is undergoing a maintenance review as required by ANSI procedures.
Single copy price: Free

Order from: Vicki Gaines, NAHBRC; vgaines@nahbrc.org
Send comments (with copy to BSR) to: Same

NEMA (National Electrical Manufacturers Association)

Reaffirmations

ANSI C12.4-1984 (R1996), Registers, Mechanical Demand (reaffirmation of ANSI C12.4-1984 (R1996))

This standard covers the voltage and frequency rating, full-scale values, scale classes, demand intervals, multiplying constants, timing mechanism, and other general features of mechanical demand registers required for use on watthour meters.
Single copy price: Free

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

ANSI C12.5-1978 (R1996), Meters, Thermal Demand (reaffirmation of ANSI C12.5-1978 (R1996))

This standard covers the class designations, voltage and frequency ratings, scale values, demand intervals, multiplying constants, mounting dimensions, terminal arrangements, and other features of general-service-type thermal watt demand meters and watthour-thermal demand meters.
Single copy price: Free

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

ANSI C12.6-1987 (R1996), Phase-Shifting Devices Used in Metering, Marking and Arrangement of Terminals for (reaffirmation of ANSI C12.6-1987 (R1996))

This specification applies to phase-shifting devices designed to provide the proper lagged voltages required for kvar and kVA measurement.
Single copy price: Free

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

ANSI C12.8-1981 (R1997), Watthour Meters, Test Blocks and Cabinets for Installation of Self-Contained "A" Base (reaffirmation of ANSI C12.8-1981 (R1997))

This standard covers the dimensions and functions of test blocks and cabinets used with self-contained A-base watthour meters.

Single copy price: $22.00

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

Withdrawals

ANSI C12.14-1982 (R1993), Electricity Meters, Magnetic Tape Pulse Recorders for (withdrawal of ANSI C12.14-1982 (R1993))

This standard provides recommended minimum requirements for magnetic tape pulse recorders for electricity meters.
Single copy price: Free

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

ANSI C12.17-1991, Cartridge-Type Solid-State Pulse Recorder for Electricity Metering (withdrawal of ANSI C12.17-1991)

This standard provides recommended minimum requirements for cartridge-type pulse recorders for electricity meters.
Single copy price: Free

Order from: Global Engineering Documents; http://global.ihs.com/
Send comments (with copy to BSR) to: Daniel Threlkel, NEMA: dan_threlkel@nema.org

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 971-200x, Standard for Safety for Nonmetallic Underground Piping for Flammable Liquids (new standard)

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: June 9, 2002

ASA (Acoustical Society of America)

BSR S1.24 TR-200x, Bubble Detection and Cavitation Monitoring (technical report)

Equipment and techniques are described and compared (A) for detection and characterization of small gas-filled cavities or bubbles, especially, those which may serve as sites for cavitation and (B) for monitoring cavitation activity. For purposes (A), optical, electrical and acoustical techniques are employed. For purpose (B), physical, chemical or biological effects produced by the cavitation are assessed.

Single copy price: $80.00

Order from: Susan Blaeser, ASA (ASC S1); asastds@aip.org
Send comments (with copy to BSR) to: Same

Call for Comment Contact Information

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

Order from:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
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Fax: (703) 276-0793
Web: www.aami.org

API (Organization)
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Fax: (202) 962-4797
Web: www.api.org

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35 Pinelawn Road Suite 114E
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ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
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3 Park Avenue, 20th Floor
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UL-NC
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UL-NY
Underwriters Laboratories, Inc.
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Phone: (864) 574-7980

Initiation of Canvasses

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

API (American Petroleum Institute)

Office: 1220 L Street, N.W.
Washington, DC 20005

Contact: *Andy Radford*

Phone: (202) 682-8584

Fax: (202) 962-4797

E-mail: radforda@api.org

BSR/API RP 17M/ISO 13628-9, Specification for Subsea Control Systems (new national adoption)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Ave., 17th Floor
New York, NY 10017

Contact: *Michael Tierney*

Phone: (860)533-9382

Fax: (860) 533-9382

E-mail: mptierney@snet.net.

BSR/BHMA A156.27-200x, Revolving Doors (new standard)

TOY-TIA (Toy Industry Association)

Office: 1115 Broadway Suite 400
New York, NY 10010

Contact: *Joan Lawrence*

Phone: (212) 675-1141 Ext. 204

Fax: (212) 633 1429

E-mail: joan@toy-tia.org

BSR Z315.1-200x, Tricycles - Safety Requirements (revision of ANSI Z315.1-1996)

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.

CSA (CSA America, Inc.)

Revisions

★ ANSI Z21.54-2002, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances (same as CSA 8.4) (revision, redesignation and consolidation of ANSI Z21.54 -1996, ANSI Z21.54a-2000, and ANSI Z21.54b-2001): 4/30/2002

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 987-2001, Guide for Application of Composite Insulators (new standard): 4/30/2002

ANSI/IEEE C57.12.59-2001, Guide for Dry-Type Transformer Through-Fault Current Duration (new standard): 4/30/2002

NECA (National Electrical Contractors Association)

New Standards

ANSI/NECA 408-2002, Recommended Practice for Installing and Maintaining Busways (new standard): 5/1/2002

NEMA (National Electrical Manufacturers Association)

Reaffirmations

ANSI/NEMA IA 2.1-1994 (R2002), Programmable Controllers - General Information (reaffirmation of ANSI/NEMA IA 2.1-1993): 5/1/2002

ANSI/NEMA IA 2.2-1994 (R2002), Programmable Controllers - Equipment Requirements (reaffirmation of ANSI/NEMA IA 2.2-1993): 5/1/2002

ANSI/NEMA IA 2.3-1994 (R2002), Programmable Controllers - Programming Languages (reaffirmation of ANSI/NEMA IA 2.3-1993): 5/1/2002

ANSI/NEMA IA 2.4-1994 (R2002), Programmable Controllers - User Guidelines (reaffirmation of ANSI/NEMA IAS 2.4-1996): 5/1/2002

NSF (NSF International)

Revisions

ANSI/NSF 61-2002, Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2000): 3/27/2002

Corrections

ANSI/ASTM D3839-2002

ASTM has rescinded the above standard, which was listed in the Final Actions section of the May 3rd issue of Standards Action.

ANSI S3.40

The above standard was listed in the Final Actions section of the May 3rd issue of Standards Action with an error in the designation. The correct designation is ANSI S3.40-2002; ISO 10819:1996.

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 1.2.8 of the ANSI Procedures for the Development and Coordination of American National Standards (2001 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.

AIIM (Association for Information and Image Management)

Office: 1100 Wayne Avenue, Suite 1100
Silver Spring, MD 20910

Contact: *Betsy Fanning*

Fax: (301) 587-2711

E-mail: bfanning@aiim.org

BSR/AIIM 73-200x, Extended Markup Language (XML) for the Exchange of Document Images and Related Metadata (new standard)

BSR/AIIM 74-200x, Integration of Electronic Document Management System and Electronic Records Management Systems Functional Requirements (new standard)

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428

Contact: *David Bradley*

Fax: (610) 832-9666

E-mail: Dbradley@astm.org

BSR/ASTM Z9276Z-200x, Test Method for the Determination of Ignition Delay and Derived Cetane Number (DCN) of Diesel Fuel Oils by Combustion in a Constant Volume Chamber (new standard)

BSR/ASTM Z9475Z-200x, Practice for Storage and Use of LPG in Sample Cylinders for LPG Test Methods (new standard)

BSR/ASTM Z9476Z-200x, Test Method for Vapor Pressure of Liquefied Petroleum Gases (LPG) (Expansion Method) (new standard)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
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Contact: *Randolph N. Roy*

Fax: (703) 841-3377

E-mail: ran_roy@nema.org

BSR C78.370/390 lcd-2002, Method of Designation (supplement to ANSI C78.370-1997 and ANSI C78.390-1998)

TOY-TIA (Toy Industry Association)

Office: 1115 Broadway Suite 400
New York, NY 10010

Contact: *Joan Lawrence*

Fax: (212) 633 1429

E-mail: joan@toy-tia.org

BSR Z315.1-200x, Tricycles - Safety Requirements (revision of ANSI Z315.1-1996)

American National Standards Maintained Under Continuous Maintenance

The ANSI Procedures for the Development and Coordination of American National Standards (ANSI Procedures) provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.4.1) and continuous maintenance (see clause 4.4.2). 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 4.4.1 and 4.4.3.
>
> 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
> - NACE
> - 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 STANDARDS INFO, and choose "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://web.ansi.org/public/ans_main/default.htm.
>
> Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ISO Draft International Standards

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

Comments

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

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web: http://global.ihs.com

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 14621-1, Space systems - Electrical, electronic and electromechanical (EEE) parts - Part 1: Parts management - 8/3/2002, $88.00

ISO/DIS 14621-2, Space systems - Electrical, electronic and electromechanical (EEE) parts - Part 2: Control program requirements - 8/3/2002, $35.00

ISO/DIS 14623, Space systems - Pressure vessel structural design - 8/17/2002, $76.00

ISO/DIS 14952-1, Space systems - Surface cleanliness of fluid systems - Part 1: Vocabulary - 8/3/2002, $38.00

ISO/DIS 14952-2, Space systems - Surface cleanliness of fluid systems - Part 2: Cleanliness levels - 8/17/2002, $38.00

ISO/DIS 14952-3, Space systems - Surface cleanliness of fluid systems - Part 3: Analytical procedures for the determination on non-volatile residues and particulate contamination - 8/17/2002, $56.00

ISO/DIS 14952-4, Space systems - Surface cleanliness of fluid systems - Part 4: Rough-cleaning processes - 8/17/2002, $35.00

ISO/DIS 14952-5, Space systems - Surface cleanliness of fluid systems - Part 5: Processes for drying equipment - 8/17/2002, $30.00

ISO/DIS 14952-6, Space systems - Surface cleanliness of fluid systems - Part 6: Precision-cleaning processes - 8/17/2002, $38.00

EARTH-MOVING MACHINERY (TC 127)

ISO 6165/DAmd1, Earth-moving machinery - Basic types - Vocabulary - Amendment 1 - 8/3/2002, $26.00

ISO 6747/DAmd1, - 8/3/2002, $26.00

ISO 7131/DAmd1, - 8/3/2002, $26.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-14, Industrial automation systems and integration - Product data representation and exchange - Part 14: Description methods: The EXPRESS-X language reference manual - 8/26/2002, $110.00

INDUSTRIAL FANS (TC 117)

ISO/DIS 13347-2, Industrial fans - Determination of fan sound power level under standardized laboratory conditions - Part 2: Reverberant room method - 8/3/2002, $64.00

ISO/DIS 13347-3, Industrial fans - Determination of fan sound power level under standardized laboratory conditions - Part 3: Enveloping surface methods - 8/3/2002, $60.00

ISO/DIS 13347-4, Industrial fans - Determination of fan sound power level under standardized laboratory conditions - Part 4: Sound intensity method - 8/3/2002, $68.00

ISO/DIS 13347-1, Industrial fans - Determination of fan sound power level under standardized laboratory conditions - Part 1: General overview - 8/3/2002, $80.00

INDUSTRIAL TRUCKS (TC 110)

ISO/DIS 6055, Industrial trucks - Operator overhead protection - Testing and specification - 8/3/2002, $42.00

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

ISO/DIS 17292, Metal ball valves for petroleum, petrochemical and allied industries - 8/3/2002, $64.00

ISO/DIS 21049, Pumps - Shaft sealing systems for centrifugal and rotary pumps - 8/17/2002, $138.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO/DIS 8009, Reusable rubber and silicone contraceptive diaphragms - Requirements and tests - 8/3/2002, $64.00

ISO/DIS 16038, Rubber condoms - Guidance on the use of ISO 4074 in the quality management of natural rubber latex condoms - 8/3/2002, $46.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO/DIS 14924, Thermal spraying - Pre-treatment and finishing of thermally sprayed coatings - 7/27/2002, $46.00

OTHER

ISO/DIS 14347, Fatigue design procedure for welded hollow section joints - Recommendations - 8/3/2002, $110.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 10333-6, Personal fall-arrest systems - Part 6: System performance tests - 8/3/2002, $72.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 20623, Petroleum and related products - Determination of the extreme-pressure and anti-wear properties of fluids - Four ball method (European conditions) - 8/3/2002, $54.00

PLASTICS (TC 61)

ISO/DIS 15314, Plastics - Methods for marine exposure - 7/20/2002, $46.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 5692-1, Agricultural vehicles - Mechanical connections on towed vehicles - Part 1: Dimensions for hitch rings - 8/17/2002, $35.00

ISO/DIS 6489-4, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 4: Dimensions of piton-type coupling - 8/17/2002, $35.00

Newly Published ISO Standards

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

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 6656:2002, Animal and vegetable fats and oils - Determination of polyethylene-type polymers, $26.00

ISO 8420:2002, Animal and vegetable fats and oils - Determination of content of polar compounds, $30.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 8573-1/Cor1:2002, Compressed air for general use - Part 1: Contaminants and quality classes - Corrigendum, FREE

ISO 8573-4/Cor1:2002, Compressed air - Part 4: Test methods for solid particle content - Corrigendum, FREE

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO 15348:2002, Pipework - Metal bellows expansion joints - General, $50.00

FLUID POWER SYSTEMS (TC 131)

ISO 16873:2002, Hydraulic fluid power - Pressure switches - Mounting surfaces, $26.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO 13550:2002, Hydrometric determinations - Flow measurements in open channels using structures - Use of vertical underflow gates and radial gates, $60.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO 15212-2:2002, Oscillation-type density meters - Part 2: Process instruments for homogeneous liquids, $46.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 13380:2002, Condition monitoring and diagnostics of machines - General guidelines on using performance parameters, $54.00

ISO 16063-12:2002, Methods for the calibration of vibration and shock transducers - Part 12: Primary vibration calibration by the reciprocity method, $54.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 8624:2002, Ophthalmic optics - Spectacle frames - Measuring system and terminology, $26.00

PLASTICS (TC 61)

ISO 1268-6:2002, Fibre-reinforced plastics - Methods of producing test plates - Part 6: Pultrusion moulding, $24.00

ROAD VEHICLES (TC 22)

ISO 8349:2002, Road vehicles - Measurement of road surface friction, $64.00

ISO 8820-4:2002, Road vehicles - Fuse-links - Part 4: Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures, $50.00

ROLLING BEARINGS (TC 4)

ISO 492:2002, Rolling bearings - Radial bearings - Tolerances, $60.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 2230:2002, Rubber products - Guidelines for storage, $38.00

SAFETY OF MACHINERY (TC 199)

ISO 14159:2002, Safety of machinery - Hygiene requirements for the design of machinery, $68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 16446:2002, Ships and marine technology - Marine environmental protection - Adaptor for joining dissimilar boom connectors, $26.00

SMALL CRAFT (TC 188)

ISO 12217-1:2002, Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m, $84.00

ISO 12217-2:2002, Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m, $88.00

ISO 15027-3:2002, Immersion suits - Part 3: Test methods, $50.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 5692-2:2002, Agricultural vehicles - Mechanical connections on towed vehicles - Part 2: Coupling ring 40 with socket, $24.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 15759:2002, Medical infusion equipment - Plastics caps with inserted elastomeric liner for containers manufactured by the Blow-Fill-Seal (BFS) process, $46.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 15011-1:2002, Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 1: Determination of emission rate and sampling for analysis of particulate fume, $35.00

ISO Technical Specifications

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/TS 12029:2002, Electronic imaging - Forms design optimization for electronic image management, $38.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/TS 14048:2002, Environmental management - Life cycle assessment - Data documentation format, $80.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-3/Cor1:2002, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-9/Cor1:2002, Information technology - Open Systems Interconnection - The Directory: Replication - Corrigendum, FREE

ISO/IEC 10164-2/Amd2:2002, Information technology - Open Systems Interconnection - Systems Management: State Management Function - Amendment 2: Amendment to support lifecycle state, $10.00

ISO/IEC 10164-18/Cor2:2002, Information technology - Open Systems Interconnection - Systems Management: Software management function - Corrigendum, FREE

ISO/IEC 10164-18/Cor3:2002, Information technology - Open Systems Interconnection - Systems Management: Software management function - Corrigendum, FREE

ISO/IEC 12087-5/Cor2:2002, Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) Functional specification - Part 5: Basic Image Interchange Format (BIIF) - Corrigendum, FREE

ISO/IEC 13818-1/Cor1:2002, Information technology - Generic coding of moving pictures and associated audio information: Systems - Corrigendum, FREE

ISO/IEC 13818-2/Cor1:2002, Information technology - Generic coding of moving pictures and associated audio information: Video - Corrigendum, FREE

ISO/IEC 14495-2:2002, Information technology - Lossless and near-lossless compression of continuous-tone still images - Part 2: Extensions, $94.00

ISO/IEC 15938-2:2002, Information technology - Multimedia content description interface - Part 2: Description definition language, $76.00

ISO/IEC 16448:2002, Information technology - 120 mm DVD - Read-only disk, $102.00

ISO/IEC 16449:2002, Information technology - 80 mm DVD - Read-only disk, $102.00

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.

Ordering Instructions

ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at www.ansi.org.

prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at sales@ansi.org and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.

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.

EN 673: 1997/prA2, Glass in building - Determination of thermal transmittance (U valve) - Calculation method - 7/11/2002, $20.00

EN 1117: 1998/prA1, Heat exchangers - Liquid cooled refrigerant condensers - Test methods for establishing the performance - 7/11/2002, $20.00

EN 1118: 1998/prA1, Heat exchangers - Refrigerant-cooled liquid coolers - Test methods for establishing the performance - 8/11/2002, $20.00

EN 1216: 1998/prA1, Heat exchangers - Forced circulation air-cooling and air-heating coils - Test procedures for establishing the performance - 7/11/2002, $20.00

prEN 327: 2000/prA1, Heat Exchangers - Forced convection air cooled refrigerant condensors - Test procedure for establishing performance - 7/11/2002, $20.00

prEN 328: 1999/prA1, Heat Exchangers - Test procedure for establishing the performance forced convection unit air coolers for refrigeration - 7/11/2002, $20.00

prEN 10298, Steel tubes and fittings for on shore and offshore pipelines - Internal lining with cement mortar - 7/11/2002, $54.00

prEN 14382, Safety devices for gas pressure regulating stations and installations - Gas safety shut-off devices for operating pressures up to 100 bar - 8/11/2002, $94.00

prEN ISO 9360-2, Anaesthetic and respiratory equipment - Heat and moisture exchangers (HMEs) for humidifying respired gases in humans - Part 2: HMEs for use with tracheostomized patients having minimum tidal volumes of 250 ml (ISO 9360-2: 2001) - 7/11/2002, $20.00

prEN ISO 11197, Medical supply units (ISO/DIS 11197: 2002) - 8/11/2002, $76.00

prEN ISO 19439, Enterprise integration - Framework for enterprise modelling (ISO/DIS 1939: 2002) - 8/11/2002, $72.00

prEN ISO 20482, Metallic materials - Sheet and strip - Erichsen cupping test (ISO/DIS 20482: 2002) - 8/11/2002, $20.00

prEN ISO 21572, Foodstuffs - Detection of genetically modified organisms and derived products - Protein based methods (ISO/DIS 21572: 2002) - 8/4/2002, $56.00

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 10242: 1994/prA2, Threaded pipe fittings in malleable cast iron

EN 12254: 1998/prA1, Screens for laser working places - Safety requirements and testing

prCEN/TS 1923, European character repertoires and their coding - 8-bit single-byte coding

prEN 527-2, Office furniture - Tables and desks - Part 2: Mechanical safety requirements

prEN 990 REVIEW, Test methods for verification of corrosion protection of reinforcement in autoclaved aerated concrete and lightweight aggregate concrete with open structure

prEN 1330-10, Non-destructive testing - Terminology - Part 10: Terms used in visual testing

prEN 1400-1, Child care articles - Soothers for babies and young children - Part 1: General safety requirements and product information

prEN 1400-2, Child care articles - Soothers for babies and young children - Part 2: Mechanical requirements and tests

prEN 1400-3, Child care articles - Soothers for babies and young children - Part 3: Chemical requirements and tests

prEN 1888, Child care articles - Wheeled child conveyances - Safety requirements and test methods

prEN 10223-7, Steel wire and wire products for fences - Part 7: Steel wire welded panels for fencing

prEN 12484-5, Irrigation techniques - Automatic turf irrigation systems - Part 5: Testing methods

prEN 12600, Glass in building - Pendulum test - Impact test method for flat glass and performance requirements

prEN 12697-2, Bituminous mixtures - Test methods for hot mix asphalt - Part 2: Determination of particle size distribution

prEN 12697-7, Bituminous mixtures - Test methods for hot mix asphalt - Part 7: Determination of bulk density of bituminous specimens by gamma rays

prEN 12697-29, Bituminous mixtures - Test methods for hot mix asphalt - Part 29: Determination of the dimensions of a bituminous specimen

prEN 13101, Steps for underground man entry chambers - Requirements, marking, testing and evaluation of conformity

prEN 13177, Chemicals used for treatment of water intended for human consumption - Methanol

prEN 13283, Zinc and zinc alloys - Secondary zinc

prEN 13494, Thermal insulation products for building applications - Determination of the tensile bond strength of the adhesive and of the base coat to the thermal insulation material

prEN 13495, Thermal insulation products for building applications - Determination of the pull-off resistance of external thermal insulation composite systems (ETICS) (foam block test)

prEN 13496, Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes

prEN 13497, Thermal insulation products for building applications - Determination of the resistance to impact of external thermal insulation composite systems (ETICS)

prEN 13498, Thermal insulation products for building applications - Determination of the resistance to penetration of external thermal insulation composite systems (ETICS)

prEN 13544-2, Respiratory therapy equipment - Part 2: Tubing and connectors

prEN 13792, Colour coding of taps and valves for use in laboratories

prEN 13888, Grouts for tiles - Definitions and specifications

prEN 14057, Lead and lead alloys - Scrap - Terms and definitions

prEN 14075, Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m3 and for installation underground - Design and manufacture

prEN ISO 3549, Zinc dust pigments for paints - Specifications and test methods (ISO 3549: 1995)

prEN ISO 9513, Metallic materials - Calibration of extensometers used in uniaxial testing - (ISO 9513: 1999)

prEN ISO 14284, Steel and iron - Sampling and preparation of samples for the determination of chemical composition (ISO 14284: 1996)

prEN ISO 14617-1, Graphical symbols for diagrams - Part 1: General information and general indexes (ISO/FDIS 14617-1: 2002)

prEN ISO 14617-2, Graphical symbols for diagrams - Part 2: Symbols having general application (ISO/FDIS 14617-2: 2002)

prEN ISO 14617-3, Graphical symbols for diagrams - Part 3: Connections and related devices (ISO/FDIS 14617-3: 2002)

prEN ISO 14617-4, Graphical symbols for diagrams - Part 4: Actuators and related devices (ISO/FDIS 14617-4: 2002)

prEN ISO 14617-5, Graphical symbols for diagrams - Part 5: Measurement and control devices (ISO/FDIS 14617-5: 2002)

prEN ISO 14617-6, Graphical symbols for diagrams - Part 6: Measurement and control functions (ISO/FDIS 14617-6: 2002)

prEN ISO 14617-7, Graphical symbols for diagrams - Part 7: Basic mechanical components (ISO/FDIS 14617-7: 2002)

prEN ISO 14617-8, Graphical symbols for diagrams - Part 8: Valves and dampers (ISO/FDIS 14617-8: 2002)

prEN ISO 14617-9, Graphical symbols for diagrams - Part 9: Pumps, compressors and fans (ISO/FDIS 14617-9: 2002)

prEN ISO 14617-10, Graphical symbols for diagrams - Part 10: Fluid power converters (ISO/FDIS 14617-10: 2002)

prEN ISO 14617-11, Graphical symbols for diagrams - Part 11: Devices for heat transfer and heat engines (ISO/FDIS 14617-11: 2002)

prEN ISO 14617-12, Graphical symbols for diagrams - Part 12: Devices for separating, purification and mixing (ISO/FDIS 14617-12: 2002)

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

cmsenergy

Organization: CMS Energy
212 W. Michigan Avenue
Jackson, MI 49201
Contact: Thomas S. McKown
PHONE: 517-788-8964; FAX: 517-788-0426
Email: tsmckown@cmsenergy.com

Public review: February 27, 2002 to May 28, 2002

sempra

Public review: March 13, 2002 to June 11, 2002

State of Wyoming

Organization: State of Wyoming
Information Security Office
2001 Capitol Avenue
Cheyenne, WY 82002
Contact: Joel C. Maslak
PHONE: 307-777-5505; FAX: 307-777-5119

Public review: May 8, 2002 to August 6, 2002

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

Accredited Standards Committees

Reaccreditation

ASC T1 - Telecommunications

Comment Deadline: June 10, 2002

Accredited Standards Committee T1, Telecommunications, has submitted revisions to the operating procedures under which it was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact the Secretariat of ASC T1: Ms. Susan Carioti, Manager, Committee T1, ATIS, 1200 G Street, NW, Suite 500, Washington, DC 20005; PHONE: (202) 434-8839; FAX: (202) 347-7125; E-mail: scarioti@atis.org. Please submit your comments to ATIS by June 10, 2002, with a copy to the Recording Secretary, ExSC at ANSI Headquarters (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the revisions have been provided electronically, the public review period is 30 days. You may view or download a copy of the revised ASC T1 operating procedures from ANSI Online during the public review period at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

Withdrawal of ANSI Accreditation

ASC MH11 - Wire Rope for Mines

In accordance with clause 2.5 of the ANSI Procedures for the Development and Coordination of American National Standards, the ANSI accreditation of Accredited Standards Committee MH11, Wire Rope for Mines, has been administratively withdrawn, effective May 2, 2002. The Wire Rope Technical Board served as the Secretariat of ASC M11. There are currently no approved American National Standards maintained under this committee. For additional information, please contact: Mr. Larry Means, Manager, Product Engineering, Wire Rope Technical Board, 609 North 2nd Street, St. Joseph, MO 64502; PHONE: (816) 236-5055; FAX: (816) 236-5040.

Accredited Organizations

Approval of Reaccreditation

Telecommunications Industry Association (TIA)

The Executive Standards Council has approved the reaccreditation of the Telecommunications Industry Association (TIA), using revised operating procedures under the Organization Method of developing consensus, effective April 29, 2002. For additional information, please contact: Ms. Susan Hoyler, Director, Standards Development & Promotion, Telecommunications Industry Association, 2500 Wilson Boulevard, Suite 300, Arlington, VA 22201; PHONE: (703) 907-7704; FAX: (703) 907-7727; E-mail: shoyler@tia.eia.org.

Withdrawal of ANSI Accreditation

Conference on Data System Languages (CODASYL)

In accordance with clause 2.5 of the ANSI Procedures for the Development and Coordination of American National Standards, and due to the dissolution of its organizational structure, the ANSI accreditation of the Conference on Data System Languages (CODASYL) has been administratively withdrawn, effective April 29, 2002. For additional information, please contact the Recording Secretary of the ExSC, via E-mail, at psa@ansi.org.

U.S. Technical Advisory Groups

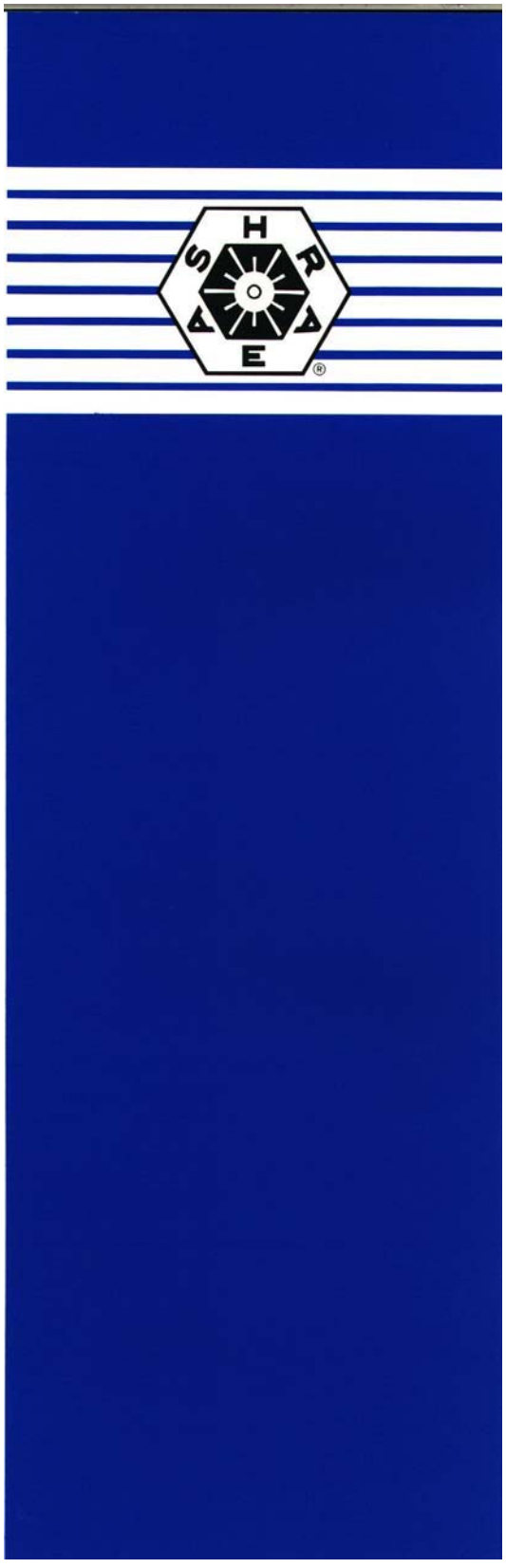
Reaccreditation

ISO/TC 21 - Equipment for Fire Protection and Fire Fighting

Comment Deadline: June 10, 2002

NFPA, in its role as the Administrator for the U.S. Technical Advisory Group to ISO/TC 21, Equipment for fire protection and fire fighting, has submitted revisions to the operating procedures under which the TAG was originally accredited. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Debbie Baio, National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269-9101; PHONE: (617) 984-7241; E-mail: dbaio@nfpa.org. Please submit your comments to NFPA by June 10, 2002, with a copy to the Recording Secretary, ExSC at ANSI Headquarters (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the revisions have been provided electronically, the public review period is 30 days. You may view or download a copy of the revised TAG operating procedures from ANSI Online during the public review period at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.



BSR/ASHRAE Addendum *z* (formerly Addendum *z* to Standard 62-1999) to ANSI/ASHRAE Standard 62-2001

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

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STANDARD

Ventilation for Acceptable Indoor Air Quality

SECOND PUBLIC REVIEW
(Independent Substantive Changes to First Public Review Draft)

MAY 2002

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 62-2001 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).

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

BSR/ASHRAE Addendum *z* to ANSI/ASHRAE Standard 62-2001, *Ventilation for Acceptable Indoor Air Quality*
2nd Public Review (Independent Substantive Changes to 1st Public Review Draft)

Independent Substantive Change (ISC) Review

The 2nd Public Review Draft of BSR/ASHRAE Addendum *z* (formerly Addendum *z* to Standard 62-1999) to ANSI/ASHRAE Standard 62-2001 contains independent substantive changes to the 1st Public Review Draft. ISC additions to the text will be shown by underlining and deletions by strikethrough, unless otherwise indicated. Only these changes will be open for review and comment at this time. Additional material is provided for context only and not open for comment except as it relates to the proposed substantive changes.

FOREWORD to Addendum 62z ISC

(This foreword is not part of this addendum but is provided for information only.)

This addendum addresses air-cleaning requirements for ozone. The current standard requires outdoor air assessment and recommends outdoor cleaning for contaminants of concern, but it does not require cleaning for ozone.

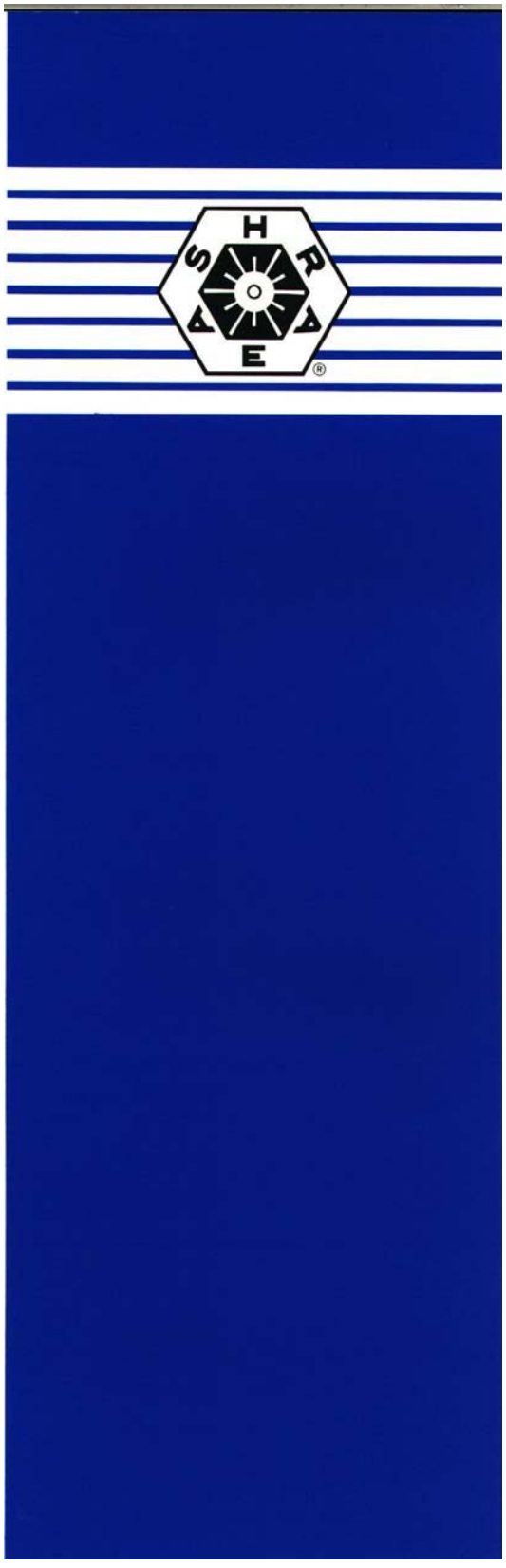
This addendum requires gaseous air cleaning when the outdoor ozone concentration is high, but it does not require air cleaning for other gaseous contaminants. Mandatory air cleaning for ozone is appropriate because of the large number of people living in non-attainment areas, that is, locations where the outdoor ozone levels exceed the EPA National Ambient Air Quality Standards (NAAQS), and the negative impact that ozone has on indoor air quality and occupant well-being. According to a simplified listing of non-attainment areas derived from Title 40, Code of Federal Regulations, part 81, 129,743,000 people (close to half of the population of the US) live in ozone non-attainment areas. In addition, the cost/benefit ratio for ozone removal is expected to be quite low, compared with that of other outdoor contaminants. The cost of the required gaseous air cleaning varies as a function of system type. The incremental annual operating and maintenance cost is estimated to range from $0.03 to $0.07 per ft^2 per year, added to an estimated base operating and maintenance cost of about $1.25 per ft^2 per year for the entire HVAC system. Note that while reducing the ozone concentration indoors may have a beneficial health effect, this requirement is primarily intended to reduce discomfort by reducing irritation due to ozone and its oxidation byproducts. Also, note that buildings with air change rates of 1.5 air changes per hour or less (most office buildings) will be exempt from the ozone air-cleaning requirement; as will those buildings located in ozone non-attainment areas wherein the maximum reported hourly average concentration of ozone in the outdoor air is 0.160 ppm or less. This exemption is justified since chemical reactions at building surfaces reduce indoor ozone concentration significantly without additional filtration in most non-attainment areas.

This addendum should be considered in conjunction with addendum 62r, which is also out for an ISC public review. In reviewing both ISC drafts, it may be helpful to examine the complete versions of Sections 4 and 6.1.1 as they would appear if both addenda 62r and 62z are approved as currently drafted. A document (OAQ.doc) that reflects both versions can be downloaded at ***ftp.ashrae.org/sspc621****.*

Addendum 62z ISC
Assuming approval of Addendum 62r*, renumber Section 6.1.1.2 as 6.1.1.3, and add a new Section 6.1.1.2 as follows:*

6.1.1.2 Ozone. Air-cleaning devices for ozone shall be provided when~~: 1) the expected number of days per calendar year with a one hour average concentration above 0.160 ppm (313 µg/m3) is greater than 1, as determined by Appendix H to subchapter C, 40 CFR 50; or, 2) the outdoor air is otherwise judged to be unacceptable due to a high concentration of ozone~~ the second highest daily maximum one-hour average concentration exceeds 0.160 ppm (313 µg/m^3). The ozone measurement shall be determined in accordance with Appendix H to subchapter C, 40 CFR 50 or equivalent. Such air-cleaning devices shall have a minimum volumetric ozone removal efficiency of 40% when installed, operated and maintained in accordance with manufacturer recommendations and approved by the authority having jurisdiction. Such devices shall be operated whenever outdoor ozone levels exceed 0.160 ppm (313 µg/m3). **Note**: Monitored values for one-hour average ozone concentrations are available for United States locations at the AIRData website: **http://www.epa.gov/air/data/monvals.html?us~USA~United%20States**.

Exceptions:
Air cleaning for ozone is not required when:
1. The minimum system design outdoor air intake flow results in 1.5 air changes per hour or less.
2. Controls are provided that sense outdoor ozone level and reduce intake air flow to result in 1.5 air changes per hour or less while complying with the outdoor airflow requirements of Section 6.
3. Outdoor air is brought into the building and heated by direct ~~Direct~~-fired, makeup-air units ~~during heating operation~~.



BSR/ASHRAE Addendum *r* (formerly Addendum *r* to Standard 62-1999) to ANSI/ASHRAE Standard 62-2001

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

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Ventilation for Acceptable Indoor Air Quality

THIRD PUBLIC REVIEW
(Independent Substantive Changes to Second Public Review Draft)

MAY 2002

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 62-2001 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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BSR/ASHRAE Addendum *l* to ANSI/ASHRAE Standard 62-2001, *Ventilation for Acceptable Indoor Air Quality*
3rd Public Review Draft (Independent Substantive Changes to 2nd Public Review Draft)

Independent Substantive Change (ISC) Review

The 3rd Public Review Draft of BSR/ASHRAE Addendum *r* (formerly Addendum *r* to Standard 62-1999) to ANSI/ASHRAE Standard 62-2001 contains independent substantive changes to the 2nd Public Review Draft. ISC additions to the text will be shown by underlining and deletions by strikethrough, unless otherwise indicated. Only these changes will be open for review and comment at this time. Additional material is provided for context only and not open for comment except as it relates to the proposed substantive changes.

FOREWORD to Addendum 62r *(*formerly Addendum *r* to Standard 62-1999) ISC

(This foreword is not part of this addendum but is provided for information only.)

This addendum addresses outdoor air-quality assessment and air-cleaning requirements. The current standard requires outdoor air assessment and recommends outdoor cleaning but does not require it. The section where outdoor air cleaning is currently discussed (Section 5.9) is replaced with a new Section 4, which requires outdoor air-quality assessment for all ventilation systems. Documented assessment is expected to lead to informed decisions related to the location of intakes and outdoor air-cleaning measures.

Section 6.1.1 is revised to require particle filtration (which is likely to be accomplished by ordinary system filters) when the outdoor air particle concentration is high, but it does not require air cleaning for other gaseous contaminants. Mandatory air cleaning for particles is appropriate because of the large number of people living in non-attainment areas, that is, locations where the outdoor levels exceed the EPA National Ambient Air Quality Standards (NAAQS), and the negative impact of this outdoor contaminant on indoor air quality.

This addendum has been out for one full public review and one independent substantive change review. This version reflects the public review comments received in those two reviews.

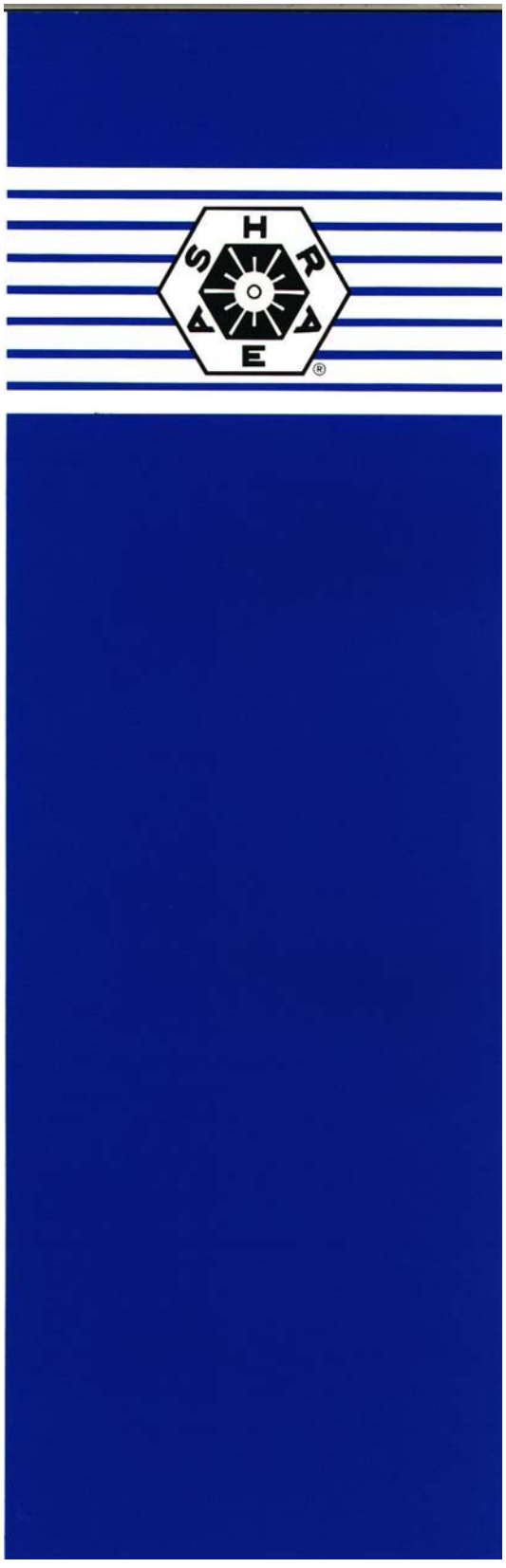
*This addendum should be considered in conjunction with addendum 62z, which is also out for an ISC public review. In reviewing both ISC drafts, it may be helpful to examine the complete versions of Sections 4 and 6.1.1 as they would appear if both addenda 6r and 62z are approved as currently drafted. A document (OAQ.doc) that reflects both versions can be downloaded at **ftp.ashrae.org/sspc621***.

Addendum 62*r* 2nd ISC

4.1.3 Documentation. Documentation of the outdoor air quality investigation shall be reviewed with building owners or their representative and shall include the following:
1. ~~Ambient~~ Regional air-quality compliance status. **Note**: Regional outdoor air quality compliance status for the United States is available from the U.S. Environmental Protection Agency at **http://www.epa.gov/oar/oaqps/greenbk/**.
2. Local survey information, which may include the following:
   a) Date of observations
   b) Time of observations
   c) Area surveyed
   d) Description of nearby facilities ~~with potential pollution impact on the site~~
   e) Observation of odors or irritants
   f) Description of visible plumes or air contaminants
   g) Description of nearby sources of vehicle exhaust
   h) Direction of prevailing winds
3. Conclusions regarding acceptability of outdoor air quality based on consideration of information from investigation.

6.1.1.1 Particulate Matter. When the building is located in an area where the national standard for PM10 is exceeded ~~EPA non-attainment area for PM10 or when the outdoor air is otherwise judged to be unacceptable due to a high concentration of particulate matter~~, particle filters or air-cleaning devices shall be provided to clean the air at any location prior to its introduction to occupied spaces. Particulate matter filters or air cleaners shall have a Minimum Efficiency Reporting Value (MERV) of 6 or higher when rated in accordance with ASHRAE Standard 52.2-1999[33].

6.1.1.2 Other Outdoor Contaminants. When the building is located in an area where the national standard ~~EPA non-attainment area~~ for one or more contaminants not specifically addressed in Section 6.1.1 ~~other than PM10~~ is exceeded, ~~or when the outdoor air is otherwise judged to be unacceptable due to contaminants other than PM10~~ any design assumptions and/or calculations related to the impact on indoor air quality shall be included in the design documents.



BSR/ASHRAE Addendum *af* (formerly Addendum *af* to Standard 62-1999) to ANSI/ASHRAE Standard 62-2001

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

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Ventilation for Acceptable Indoor Air Quality

FIRST PUBLIC REVIEW

MAY 2002

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 62-2001 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 to Addendum 62af (formerly Addendum *af* to Standard 62-1999)

(This foreword is not part of this addendum but is provided for information only.)

This addendum implements changes to the Purpose and Scope of the standard that are contained in the approved Target Title, Purpose and Scope of the standard. These changes address how the standard relates to new and existing buildings, clarifies its coverage of industrial and laboratory spaces, and adds a caveat concerning situations where outdoor air quality may be poor.

Addendum 62af

Renumber the current Purpose of the standard as Section 1.1, and add the following sections to the current Purpose of the standard:

1.2 This standard is intended for regulatory application to new buildings, additions to existing buildings, and those changes to existing buildings that are identified in the body of the standard.

1.3 This standard is intended to be used to guide the improvement of indoor air quality in existing buildings.

Insert the following sections after the current Section 2.1 of the Scope:

2.2 Additional requirements for laboratory, industrial and other spaces may be dictated by workplace and other standards, as well as by the processes occurring within the space.

2.3 Although the standard may be applied to both new and existing buildings, the provisions of this standard are not intended to be applied retroactively when the standard is used as a mandatory regulation or code.

Renumber Sections 2.2 and 2.3 of the Scope as 2.4 and 2.5, and add the following list item to Section 2.5:

d) because outdoor air brought into the building may be unacceptable or may not be adequately cleaned.

ATTACHMENT FOR NUMBER 5

3.1 The industrial control panels covered by this Standard shall be of the enclosed-type and shall comply with the applicable requirements in the ~~Outline of Investigation~~ Standard for Industrial Control Panels, UL ~~Subject~~ 508A.

3.2 When conflicting requirements exist, the requirements of this Standard shall supersede the requirements of UL ~~Subject~~ 508A.

11.2 The panel shall be marked "Provides intrinsically safe circuit extensions for use in Class ___, Groups ___, Hazardous (Classified) Locations when connected per ~~installation~~ ~~(Manual or Instructions)~~ Panel Control Drawing No. ___."