ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

★ Standard for consumer products

ISSN 0038-9633

Comment Deadline: March 16, 2008

NSF (NSF International)

Revisions

BSR/NSF 173-200x (i29), Dietary Supplements (revision of ANSI/NSF 173-2006)

Issue 29: To revise section 6.2.5 "Quality assurance for quantitative test methods".

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

Send comments (with copy to BSR) to: Sarah Kozanecki, NSF; kozanecki@nsf.org

BSR/NSF 50 200x (i51), Circulation system components and related materials for swimming pools, spas/hot tubs (revision of ANSI/NSF 50-2007)

Issue 51: To update the normative references in standard 50.

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

Send comments (with copy to BSR) to: Mindy Costello, NSF; mcostello@nsf.org

Comment Deadline: March 31, 2008

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC E-11-200x, AC & DC Electrical Systems on Boats (new standard)

Provides a guide for the design, construction, and installation of alternating currect (AC) electrical systems on boats and of direct current (DC) electrical systems on boats.

Single copy price: $25.00 (ABYC Members); $50.00 (Non-Members)

Obtain an electronic copy from: www.abycinc.org

Order from: Dorothy Valentine, ABYC; dvalentine@abycinc.org

Send comments (with copy to BSR) to: John Adey, ABYC; jadey@abycinc.org

ASA (ASC S12) (Acoustical Society of America)

Revisions

BSR/ASA S12.2-200x, Criteria for Evaluating Room Noise (revision and redesignation of ANSI S12.2-1995 (R1999))

Provides three primary methods for evaluating room noise: a survey method that employs the A-weighted sound level; an engineering method that employs expanded noise criteria (NC) curves; and a method for evaluating low frequency fluctuating noise using room noise criterion (RNC) curves.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, ASA (ASC S1); sblaeser@aip.org; asastds@aip.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME A18.1-200x, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1-2005)

Covers the design, construction, installation, operation, inspection, testing, maintenance, and repair of inclined stairway chairlifts and inclined and vertical platform lifts intended for transportation of a mobility-impaired person only.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Allyson Byk, ASME; byka@asme.org

BSR/ASME A120.1-200x, Safety Requirements for Powered Platforms and Traveling Ladders and Gantries for Building Maintenance (revision of ANSI/ASME A120.1-2006)

Establishes safety requirements for powered platforms (scaffolds) for buildings where window cleaning and related services are accomplished by means of suspended equipment at heights in excess of 35 ft (11 m) above a safe surface (e.g., grade, street, floor, or roof level). Additionally, this standard establishes safety requirements for permanent traveling ladders and gantries (TLG).

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Allyson Byk, ASME; byka@asme.org

ICC (ASC A117) (International Code Council)

Revisions

BSR/ICC A117.1-200x, Accessible and Usable Buildings and Facilities (revision of ANSI/ICC A117.1-2003)

Site design and architectural features affecting the accessibility and usability of buildings and facilities, consideration to be given to all types of physical and sensory disabilities, to publicly used buildings and facilities, and to residential structures.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/cs/standards/a117/index.html

Order from: Edward Wirtschoreck, ICC; ewirtschoreck@iccsafe.org

Send comments (with copy to BSR) to: Same

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

Reaffirmations

INCITS/ISO/IEC 10118-4-1998 (R200x), Information Technology - Security techniques - Hash functions - Part 4: Hash functions using modular arithmetic (reaffirmation of INCITS/ISO/IEC 10118-4-1998)

Specifies two hash-functions that make use of modular arithmetic. These hash-functions, which are believed to be collision-resistant, compress messages of arbitrary but limited length to a hash-code whose length is determined by the length of the prime number used in the reduction-function defined in 7.3 of this standard. Thus, the hash-code is easily scaled to the input length of any mechanism. The two hash-functions differ only in the exponent used in the round-function.

Single copy price: $30.00

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

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

Send comments (with copy to BSR) to: Serena Patrick, ITI (INCITS); spatrick@itic.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 44-200x, Standard for Safety for Thermoset-Insulated Wires and Cables (revision of ANSI/UL 44-2005a)

Covers:
- Deletion of numerous requirements due to publication of UL 2556;
- Deletion of requirements for lead-alloy conductors;
- Revised markings requirements for aluminum conductors, clarification of country-specific markings, and new marking for cables not intended for outdoor use;
- Revision to mandrel diameter and related testing requirements;
- Reinstatement of previously deleted requirements for thickness overall jacket thickness on deep well pump cables; and
- Clarification to tables for several RW-type 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: Camille Alma, UL; Camille.A.Alma@us.ul.com

BSR/UL 1598-200x, Luminaires (revision of ANSI/UL 1598-2004)

See page 20 for description.

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: Heather Sakellariou, UL-IL; Heather.Sakellariou@us.ul.com

Reaffirmations

BSR/UL 1897-2004 (R200x), Standard for Safety for Uplift Tests for Roof Covering Systems (reaffirmation of ANSI/UL 1897-2004)

Reaffirms the fifth edition of the standard for Uplift Tests for Roof Covering Systems, UL 1897, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to BSR) to: Susan Malohn, UL-IL; susan.p.malohn@us.ul.com

Comment Deadline: April 15, 2008

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

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI HE75-200x, Human factors engineering - Design of medical devices (revision and partition of ANSI/AAMI HE48-2001)

Provides detailed human factors engineering (HFE) design guidance to those who are responsible for HFE work within medical device companies. It contains extensive design guidance, examples, checklists, and case studies.

Single copy price: $20.00 (AAMI members)/$25.00 (nonmembers)

Obtain an electronic copy from: www.aami.org/marketplace (Order Code: HE75-D-PDF)

Order from: AAMI (Attn: Order Department) (phone: 1-877-249-8226) Order Code: HE75-D

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

AGMA (American Gear Manufacturers Association)

Reaffirmations

BSR/AGMA 2005-D03 (R200x), Design Manual for Bevel Gears (reaffirmation of ANSI/AGMA 2005-D03)

Provides the standards for designing straight bevel, zerol bevel, spiral bevel and hypoid gears, along with information on fabrication, inspection and mounting. Covers preliminary gear design parameters, blank design including taper angle, uniform depth, duplex tapered and tilted root. Also includes drawing format, inspection, materials, lubrication, mountings, and assembly.

Single copy price: $159.00

Order from: Charles Fischer, AGMA; fischer@agma.org

Send comments (with copy to BSR) to: Same

BSR/AGMA 6011-2003 (R200x), Specification for High Speed Helical Gear Units (reaffirmation of ANSI/AGMA 6011-2003)

Includes information on design, lubrication, bearings, testing and rating for single and double helical external tooth, parallel shaft speed reducers and increasers. Units covered include those operating with at least one stage having a pitch line velocity equal to or greater than 35 meters per second, or rotational speed greater than 4500 rpm. Annex material includes discussions on service factors, rotor dynamics, and efficiency.

Single copy price: $95.00

Order from: Charles Fischer, AGMA; fischer@agma.org

Send comments (with copy to BSR) to: Same

BSR/AGMA 6035-2002 (R200x), Design, Rating and Application of Industrial Globoidal Wormgearing (reaffirmation of ANSI/AGMA 6035-2002)

Provides guidelines for the design, rating and application of globoidal wormgearing mounted at a 90-degree angle. Specific definitions for globoidal wormgearing are presented, along with formulas for determining the geometric sizes of the major features for the worm and gear. Design considerations, design procedures, gear blanks, and self-locking conditions are also discussed. Procedures for rating the load capacity of globoidal wormgearing are included.

Single copy price: $75.00

Order from: Charles Fischer, AGMA; fischer@agma.org

Send comments (with copy to BSR) to: Same

BSR/AGMA 6135-2002 (R200x), Design, Rating and Application of Industrial Globoidal Wormgearing (Metric Version) (reaffirmation of ANSI/AGMA 6135-2002)

Provides guidelines for the design, rating and application of globoidal wormgearing mounted at a 90-degree angle. Specific definitions for globoidal wormgearing are presented, along with formulas for determining the geometric sizes of the major features for the worm and gear. Design considerations, design procedures, gear blanks, and self-locking conditions are also discussed. Procedures for rating the load capacity of globoidal wormgearing are included.

Single copy price: $70.00

Order from: Charles Fischer, AGMA; fischer@agma.org

Send comments (with copy to BSR) to: Same

BSR/AGMA 9001-B97 (R200x), Flexible Couplings - Lubrication (reaffirmation of ANSI/AGMA 9001-B97 (R2003))

Provides information on lubrication of gear couplings, chain couplings, and metallic grid couplings. Types of lubricants and lubrication methods and practices are included. In addition, selection guides for greases and oil lubrication are provided.

Single copy price: $38.00

Order from: Charles Fischer, AGMA; fischer@agma.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME B31E-200x, Earthquake Design of Pressure Piping Systems (new standard)

Applies to above-ground, metallic piping systems in the scope of the ASME B31 Code for Pressure Piping (sections B31.1, B31.3, B31.4, B31.5, B31.8, B31.9, B31.11). The requirements described in this standard are valid when the piping system complies with the materials, design, fabrication, examination, testing and inspection requirements of the applicable ASME B31 section.

Single copy price: $20.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Noel Lobo, ASME; lobon@asme.org

New National Adoptions

BSR/ASME B18.15M-200x, Metric Lifting Eyes (identical national adoption and revision of ANSI/ASME B18.15.2-1998)

Describes the dimensions and capacities for forged threaded eyebolts intended primarily for lifting applications, and covers the following types and styles: Type 1 Plain pattern (straight shank), Style A Long length and Style B Short length, and Type 2 Shoulder pattern, Style A Long length and Style B Short length. Appendices contain descriptive and cautionary information pertinent to forged eyebolts.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

Reaffirmations

BSR/ASME B17.1-1967 (R200x), Keys and Keyseats (reaffirmation of ANSI/ASME B17.1-1967 (R2003))

Establishes a uniform relationship between shaft size and key size for parallel and taper keys retaining similar basic sizing as found in the withdrawn B17.1-1943 standard. This standard covers the size, type and tolerances of parallel and taper keys and keyseats, and their relationship to shaft diameters and bore diameters.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B17.2-1967 (R200x), Woodruff Keys and Keyseats (reaffirmation of ANSI/ASME B17.2-1967 (R2003))

Covers nomenclature, definitions, identification number, dimensions and tolerances of woodruff keys and keyseats. It represents manufacturing practices for sizes and types from 1/16 in. x 1/4 in. thru 3/4 in. x 3-1/2 in. covering 66 listings. Material, heat treatment, hardness or finish is not within the scope of this standard. Dimensional features only are included.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.2.3.10M-1996 (R200x), Square Head Bolts (Metric Series) (reaffirmation of ANSI/ASME B18.2.3.10M-1996 (R2003))

Covers the general and dimensional data for standard metric series square head bolts.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.5.2.3M-1990 (R200x), Round Head Square Neck Bolts with Large Head (Metric Series) (reaffirmation of ANSI/ASME B18.5.2.3M-1990 (R2003))

Covers the complete general and dimensional data for metric series round head square neck bolts with large head recognized as the American National Standard.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.13-1996 (R200x), Screw and Washer Assemblies - Sems (Inch) (reaffirmation of ANSI/ASME B18.13-1996 (R2003))

Covers general and dimensional data pertinent to the various types of screw and captive washer assemblies, otherwise know as sems. The word sems is recognized in the United States as a generic term applicable to screw and washer assemblies. Also included are appendices to illustrate the relative proportions of plain and conical washer sems and provide documentation on the washer dimensions for sems with screw types and head styles that have been relegated to "not recommended for new design" status.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.22.1-1965 (R200x), Plain Washers (reaffirmation of ANSI/ASME B18.22.1-1965 (R2003))

Covers two types of general purpose plain washers designated as Type A and Type B. The inclusion of dimensional data in this standard is not intended to imply that all of the products described in this standard are production items.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.25.1M-1996 (R200x), Square and Rectangular Keys and Keyways (reaffirmation of ANSI/ASME B18.25.1M-1996 (R2003))

Covers requirements for square and rectangular parallel keys and keyways intended for both alignment of shafts and hubs, and transmitting torque between shafts and hubs. Keys covered by this standard have a relatively tight width tolerance. The deviations are less than the basic size.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.25.2M-1996 (R200x), Woodruff Keys and Keyways (reaffirmation of ANSI/ASME B18.25.2M-1996 (R2003))

Covers requirements for metric woodruff keys and keyways intended for both alignment of shafts and hubs, and transmitting torque between shafts and hubs. The inclusion of dimensional data in this Standard is not intended to imply that all sizes described are production stock items.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B18.25.3M-1998 (R200x), Square and Rectangle Keys and Keyways: Width Tolerances and Deviations Greater Than Basic Size (reaffirmation of ANSI/ASME B18.25.3M-1998 (R2003))

Covers requirements for square and rectangular parallel keys and keyways intended for both alignment of shafts and hubs, and transmitting torque between shafts and hubs. Keys covered by this Standard have a relatively loose width tolerance. All width tolerances are positive.

Single copy price: $35.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, ASME; craner@asme.org

BSR/ASME B29.15M-1997 (R200x), Steel Roller Type Conveyor Chains, Attachments, and Sprocket Teeth (reaffirmation of ANSI/ASME B29.15M-1997 (R2003))

Covers steel roller type conveyor chains, which is a series of roller links having steel bushings with rollers to contact the sprocket teeth, alternating with links comprised of sidebars and pins, which articulate in the steel bushings of the roller link.

Single copy price: $39.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: George Osolsobe, ASME; osolsobeg@asme.org

BSR/ASME B29.21M-2003 (R200x), 700 Class Welded Steel and Cast Chains, Attachments and Sprockets for Water and Sewage Treatment Plants (reaffirmation of ANSI/ASME B29.21M-2003)

Covers 700 Class welded steel and cast chains, attachments and sprockets for water and sewage treatment plants. Specifically, these are the straight-sidebar type and the curved-sidebar type chains. The Straight-Sidebar Type chain is a series of identical offset links having barrels to contact the sprocket teeth and pins that articulate in the barrels of the links. The Curved-Sidebar Type chain is a series of identical offset links having barrels to contact the sprocket teeth, curved sidebars that contact sprocket flanges to provide additional link support and wearing surfaces, and pins that articulate in the barrels of the links.

Single copy price: $39.00

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: George Osolsobe, ASME; osolsobeg@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 12207-200x, Systems and Software Engineering - Software Life Cycle Processes (new standard)

Establishes a common framework for software life-cycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, maintenance and disposal of software products. It also provides a process that can be employed for defining, controlling, and improving software life-cycle processes.

Single copy price: N/A

Order from: IEEE Customer Service; +1-800-678-4333 (phone); +1-732-981-9667 (fax); http://shop.ieee.org/ieeestore/ (online)

Send comments (with copy to BSR) to: Moira Patterson, IEEE; m.patterson@ieee.org

NFPA (National Fire Protection Association)

New Standards

BSR/NFPA 275-200x, Standard Method of Tests for the Evaluation of Thermal Barriers Used Over Foam Plastic (new standard)

Applies to building construction assemblies that incorporate foamed plastics. The model building codes require foamed plastics be covered by a thermal barrier to reduce the possibility of ignition or delay its occurrence. The performance of the thermal barrier material is determined by evaluating the temperature rise or thermal transmission through the thermal barrier and by evaluating the ability of the thermal barrier to provide protection to the foam plastic during a standard fire exposure.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 289-200x, Standard Method of Fire Test for Determining the Fire Performance Characteristics of Individual Fuel Packages (new standard)

Describes a method of determining the contribution of individual fuel packages to heat and smoke release in a room environment, and is applicable to individual fuel packages that do not exceed 2.4 m high by 2.4 m wide by 2.4 m deep in dimensions. This document specified three types of specimen mounting, depending on the fuel package to be investigated, as follows:
(1) single decorative object, including combustible vegetation;
(2) exhibit booth; and
(3) stage settings.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1026-200x, Standard for Incident Management Personnel Professional Qualifications (new standard)

Identifies the minimum job performance requirements for personnel performing roles within an all-hazard-incident management system.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

Revisions

BSR/NFPA 1-200x, Uniform Fire Code™ (revision of ANSI/NFPA 1-2006)

See page 21 for description.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 12A-200x, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2004)

Contains minimum requirements for total-flooding Halon 1301 fire extinguishing systems. It includes only the essentials necessary to make the standard workable in the hands of those skilled in this field. Only those skilled in this work are competent to design, install, maintain, decommission, and remove this equipment. It might be necessary for many of those charged with purchasing, inspecting, testing, approving, operating, and maintaining this equipment to consult with an experienced and competent fire-protection engineer to effectively discharge their respective duties.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 51B-200x, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work (revision of ANSI/NFPA 51B-2003)

Covers provisions to prevent loss of life and property from fire or explosion as a result of hot work. Installation and operation of arc cutting and welding equipment and operation of gas cutting and welding equipment shall be in accordance with ANSI Z49.1, Safety in Welding, Cutting, and Allied Processes.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 54-200x, National Fuel Gas Code (revision of ANSI/NFPA 54-2006)

Provides a safety code that shall apply to the installation of fuel gas piping systems, fuel gas utilization equipment, and related accessories.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 59A-200x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2006)

Applies to the following:
(1) Design;
(2) Location;
(3) Construction;
(4) Operation; and
(5) Maintenance of facilities at any location for the liquefaction of natural gas and the storage, vaporization, transfer, handling, and truck transport of liquefied natural gas (LNG), as well as the personnel training.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 70E-200x, Standard for Electrical Safety in the Workplace (revision of ANSI/NFPA 70E-2004)

Addresses those electrical safety requirements for employee workplaces that are necessary for the practical safeguarding of employees in their pursuit of gainful employment. This standard covers the installation of electric conductors, electric equipment, signaling and communications conductors and equipment, and raceways for the following:
(1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings;
(2) Yards, lots, parking lots, carnivals, and industrial substations;
(3) Installations of conductors and equipment that connect to the supply of electricity; and
(4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 90A-200x, Standard for the Installation of Air-Conditioning and Ventilating Systems (revision of ANSI/NFPA 90A-2002)

Covers construction, installation, operation, and maintenance of systems for air conditioning and ventilating, including filters, ducts, and related equipment, to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 90B-200x, Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (revision of ANSI/NFPA 90B-2006)

Covers construction, installation, operation, and maintenance of systems for warm air heating and air conditioning, including filters, ducts, and related equipment to protect life and property from fire, smoke, and gases resulting from fire or from conditions having manifestations similar to fire.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 92A-200x, Standard for Smoke-Control Systems Utilizing Barriers and Pressure Differences (revision of ANSI/NFPA 92A-2006)

Describes a smoke-control system that is designed to inhibit the flow of smoke into means of egress, exit passageways, areas of refuge, or other similar areas of a building.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 92B-200x, Standard for Smoke Management Systems in Malls, Atria, and Large Spaces (revision of ANSI/NFPA 92B-2005)

Provides owners, designers, code authorities, and fire departments with a method for managing smoke in large-volume, noncompartmented spaces. This guide documents the following:
(1) The problem of smoke movement in indoor spaces;
(2) Basic physics of smoke movement in indoor spaces;
(3) Methods of smoke management;
(4) Data and technology;
(5) Building equipment and controls; and
(6) Test and maintenance methods.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 101-200x, Life Safety Code® (revision of ANSI/NFPA 101-2006)

Addresses those construction, protection, and occupancy features necessary to minimize danger to life from fire, including smoke, fumes, or panic.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 220-200x, Standard on Types of Building Construction (revision of ANSI/NFPA 220-2006)

Defines types of building construction based on the combustibility and the fire resistance rating of a building's structural elements. Fire walls; nonbearing exterior walls; nonbearing interior partitions; fire barrier walls; shaft enclosures; and openings in walls, partitions, floors, and roofs are not related to the types of building construction and are regulated by other standards and codes, where appropriate.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 221-200x, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls (revision of ANSI/NFPA 221-2006)

Specifies requirements for the design and construction of fire walls and fire barrier walls.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 260-200x, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture (revision of ANSI/NFPA 260-2003)

Describes tests that apply to upholstered furniture components that are tested in a standard, defined composite. These tests apply to cover fabrics, interior fabrics, welt cords, decking materials, barrier materials, and filling/padding materials including, but not limited to, battings of natural or man-made fibers, foamed or cellular filling materials, resilient pads of natural or man-made fibers, and loose particulate filling materials such as shredded polyurethane or feathers and down.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 261-200x, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (revision of ANSI/NFPA 261-2003)

This test applies to upholstered furniture mock-ups. Mock-up testing is used in assessing the relative resistance to continuing combustion of individual materials used in furniture, such as cover fabrics, filling materials, and welt tape, in realistic combinations and in an ideal geometric arrangement of the seat cushions, back, and arms of furniture items.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 274-200x, Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation (revision of ANSI/NFPA 274-2003)

Describes a method for determining the heat release and the smoke generation of pipe insulation assemblies mounted on steel pipes in a full-scale pipe chase.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 306-200x, Standard for the Control of Gas Hazards on Vessels (revision of ANSI/NFPA 306-2003)

Applies to vessels that carry or burn as fuel, flammable or combustible liquids. It also applies to vessels that carry or have carried flammable compressed gases, chemicals in bulk, or other products capable of creating a hazardous condition.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 318-200x, Standard for the Protection of Semiconductor Fabrication Facilities (revision of ANSI/NFPA 318-2006)

Applies to semiconductor fabrication facilities and comparable research and development areas in which hazardous chemicals are used, stored, and handled and containing what is defined in this standard as a cleanroom or clean zone, or both.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 403-200x, Standard for Aircraft Rescue and Fire-Fighting Services at Airports (revision of ANSI/NFPA 403-2003)

Contains the minimum requirements for aircraft rescue and fire-fighting (ARFF) services at airports. Requirements for other airport fire protection services are not covered in this document.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 450-200x, Guide for Emergency Medical Services and Systems (revision of ANSI/NFPA 450-2004)

Provides information to assist individuals, agencies, organizations, or systems as well as those interested or involved in emergency medical services (EMS) system design.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 484-200x, Standard for Combustible Metals (revision of ANSI/NFPA 484-2006)

Applies to the production, processing, finishing, handling, storage, and use of all metals and alloys that are in a form that is capable of combustion or explosion.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 555-200x, Guide on Methods for Evaluating Potential for Room Flashover (revision of ANSI/NFPA 555-2004)

Addresses methods for evaluating the potential for room flashover from fire involving the contents, furnishings, and interior finish of a room. The methods addressed by this guide include prevention of ignition; installation of automatic fire suppression systems; control of ventilation factors; and limitation of the heat release rate of individual and grouped room contents, furnishings, and interior finish.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 610-200x, Guide for Emergency and Safety Operations at Motorsports Venues (revision of ANSI/NFPA 610-2003)

Addresses planning, training, personnel, equipment, and facilities as they relate to emergency and safety operations at motorsports venues.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 703-200x, Standard for Fire-Retardant Treated Wood and Fire-Retardant Coatings for Building Materials (revision of ANSI/NFPA 703-2006)

Provides criteria for defining and identifying fire-retardant impregnated wood and fire-retardant coated building materials.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 705-200x, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2003)

Provides guidance to enforcement officials for the field application of an open flame to textiles and films that have been in use in the field or for which reliable laboratory data are not available.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 720-200x, Standard for the Installation of Carbon Monoxide (CO) Warning Equipment in Dwelling Units (revision of ANSI/NFPA 720-2005)

Contains recommendations for the selection, installation, operation, and maintenance of equipment that detects concentrations of carbon monoxide that could pose a risk to the health of most occupants in family living units. This document is primarily concerned with life safety, not with protection of property. This document is limited to carbon monoxide warning equipment for use in family living units that contain fuel-burning appliances or fireplaces or have attached garages.

(See the “Information Concerning” section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1002-200x, Standard for Fire Apparatus Driver/Operator Professional Qualifications (revision of ANSI/NFPA 1002-2003)

Identifies the minimum job performance requirements for fire fighters who drive and operate fire apparatus, in both emergency and nonemergency situations.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1021-200x, Standard for Fire Officer Professional Qualifications (revision of ANSI/NFPA 1021-2003)

Identifies the performance requirements necessary to perform the duties of a fire officer and specifically identifies four levels of progression.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1031-200x, Standard for Professional Qualifications for Fire Inspector and Plan Examiner (revision of ANSI/NFPA 1031-2003)

Identifies the professional levels of performance required for fire inspectors and plan examiners, specifically identifying the job performance requirements necessary to perform as a fire inspector or a plan examiner.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1033-200x, Standard for Professional Qualifications for Fire Investigator (revision of ANSI/NFPA 1033-2003)

Identifies the professional level of job performance requirements for fire investigators.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1143-200x, Standard for Wildland Fire Management (revision of ANSI/NFPA 1143-1998)

Presents fundamental information to fire protection organizations on the management of wildland fire.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 1901-200x, Standard for Automotive Fire Apparatus (revision of ANSI/NFPA 1901-2003)

Defines the requirements for new automotive fire apparatus designed to be used under emergency conditions to transport personnel and equipment and to support the suppression of fires and mitigation of other hazardous situations.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

BSR/NFPA 5000-200x, Building Construction and Safety Code® (revision of ANSI/NFPA 5000-2006)

Addresses those construction, protection, and occupancy features necessary to minimize danger to life and property.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

Reaffirmations

BSR/NFPA 412-2003 (R200x), Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment (reaffirmation of ANSI/NFPA 412-2003)

Establishes test procedures for evaluating the foam fire-fighting equipment installed on rescue and fire-fighting vehicles designed in accordance with the applicable portions of NFPA 414.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

Withdrawals

ANSI/NFPA 42-1997 (R2002), Code for the Storage of Pyroxylin Plastic (withdrawal of ANSI/NFPA 42-1997 (R2002))

Applies to any building where pyroxylin plastic is stored. This code shall apply to pyroxylin plastic, whether in the form of raw material, unfinished and finished products, or scrap. This code shall not apply to the storage of cellulose nitrate motion picture film.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

ANSI/NFPA 256-2003, Standard Methods of Fire Tests of Roof Coverings (withdrawal of ANSI/NFPA 256-2003)

Measures the relative fire characteristics of roof coverings under a simulated fire originating outside a building.

(See the "Information Concerning" section of this issue of Standards Action for ordering and comment instructions.)

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:

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

BSR INCITS 310-1998 (R200x), Representation of Time for Information Interchange (reaffirmation of ANSI INCITS 310-1998 (R2003))

Correction

Incorrect Project Intent

In the February 8, 2008 issue of Standards Action, The public review to revise INCITS 210:1998 (R2003), Information Technology - High-Performance Parallel Interface - Framing Protocol (HIPPI-FP) should have been to reaffirm INCITS 210:1998 (R2003).

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
Fax: (703) 276-0793
Web: www.aami.org

ABYC
American Boat and Yacht Council
3069 Solomon's Island Road
Edgewater, MD 21037-1416
Phone: (410) 990-4460
Web: www.abycinc.org/index.cfm

AGMA
American Gear Manufacturers Association
500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

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

ASA (ASC S1)
ASC S1
35 Pinelawn Road Suite 114E
Melville, NY 11747
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Web: asa.aip.org/index.html

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

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

ICC
International Code Council
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
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IEEE
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445 Hoes Lane, P.O.Box 1331
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NFPA
National Fire Protection Association
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Web: www.nfpa.org

Send comments to:

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Fax: (703) 684-0242
Web: www.agma.org

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Web: asa.aip.org/index.html

ASME
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Fax: (212) 591-8501
Web: www.asme.org

ICC
International Code Council
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (800) 214-7167
Web: www.iccsafe.org/index.html

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Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3809
Fax: (732) 796-6966
Web: www.ieee.org

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1250 Eye Street, NW, Suite 200
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Web: www.incits.org

NFPA
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Fax: (617) 770-3500
Web: www.nfpa.org

NSF
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789 Dixboro Road
Ann Arbor, MI 48105
Fax: 734-827-6831
Web: www.nsf.org

UL
Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747
Phone: (631) 271-6200
Web: www.ul.com/

UL-IL
Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ACC (American Chemistry Council)

Office: 1300 Wilson Blvd.
Arlington, VA 22209

Contact: *Susan Blanco*

Fax: (703) 741-6227

E-mail: susan_blanco@americanchemistry.com

BSR/ACC Z400.1/Z129.1-200x, Labeling and MSDS Formatting for Hazardous Industrial Chemicals (revision, redesignation and consolidation of ANSI Z129.1-2006 and ANSI Z400.1-2004)

Stakeholders: Individuals and organizations who use, produce or otherwise have an interest in MSDSs.

Project Need: To align the documents with international standards such as the GHS.

Combines the scopes of the current Z400.1 and Z129.1 Standards. It will present basic information on how to develop and write MSDSs that are complete, clear and consistent and will establish sound principles and guidelines for the preparation of precautionary labeling for hazardous industrial chemicals.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street N.W.
Suite 402
Washington, DC 20036

Contact: *Jennifer Moyer*

Fax: (202) 872-9354

E-mail: jmoyer@aham.org

BSR/AHAM AC-2-2006 (R200x), Method for Sound Testing of Portable Household Electric Room Air Cleaners (reaffirmation of ANSI/AHAM AC-2-2006)

Stakeholders: Manufacturers, consumer groups, general interest.

Project Need: To reaffirm the existing standard.

Establishes a method to determine the sound rating of portable household electric room air cleaners. The sound rating is comprised of a set of sound levels that include: (1) Overall A-weighted sound power level (Lwa) and (2) Loudness level in SONES. Established in the standard are definitions, tests, calculations, ratings, and minimum data requirements for published ratings and conformance conditions.

BSR/AHAM RAC-1-1982 (R200x), Room Air Conditioners (reaffirmation of ANSI/AHAM RAC-1-1982 (R2003))

Stakeholders: Manufacturers, consumer groups.

Project Need: To reaffirm the 1982 standard following the five-year review.

Establishes a uniform, repeatable procedure or standard method for measuring specified product characteristics of room air conditioners. The standard methods and the recommended levels of performance, where they appear, are intended to provide a means to compare and evaluate different brands and models of room air conditioners regarding characteristics significant to product use.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Stephanie Reiniche*

E-mail: sreiniche@ashrae.org; cramspeck@ashrae.org;

BSR/ASHRAE Standard 189.2-200x, Design, Construction and Operation of Green High Performance Health Care Facilities (new standard)

Stakeholders: Medical, individuals who design and/or build health care facilities, engineers.

Project Need: To give credence to the Green Building Council work and to give ASHRAE some additional input in designing health care facilities.

Applies to patient care areas and related support areas within health care facilities, including hospitals, nursing facilities and outpatient facilities. This standard applies to new buildings, additions to existing buildings, and those alterations to existing buildings that are identified within the standard.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Helene Skloff*

E-mail: hskloff@astm.org; cleonard@astm.org

BSR/ASTM Z4191Z/WK17534-200x, Standard Test Methods for Evaluating Design and Performance Characteristics of Elliptical Trainers (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need: To provide reliable and repeatable test methods for the evaluation of elliptical trainers assembled and maintained in accordance with the manufacturer's specifications.

Specifies procedures and equipment used for testing and evaluating elliptical trainers for compliance to specification.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Jeff Richardson*

Fax: 610-834-7067

E-mail: jrichard@astm.org

BSR/ASTM Z2630Z/WK13922-200x, Fire Tests under Exposure Conditions Different than ASTM E119 (new standard)

Stakeholders: Fire standards industry.

Project Need: To provide guidance on reporting such tests as well as providing guidance on the actual conduct of such tests.

Covers the conduct of fire tests using exposure conditions different than those addressed in Test Method E119. This guide also addresses the reporting of data derived from those tests.

BSR/ASTM Z4160Z/WK17302-200x, Practice for Ignition Sources for Upholstery (new standard)

Stakeholders: Fire standards industry.

Project Need: ASTM standards describe some upholstery standard ignition sources, but others exist also.

Describes ignition sources that have been used for testing upholstery materials and products, such as upholstered furniture and mattresses.

AWS (American Welding Society)

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Contact: *Rosalinda O'Neill*

Fax: (800) 443-5951

E-mail: roneill@aws.org; adavis@aws.org

BSR/AWS B2.1.22-015-200x, Standard Welding Procedure Specification for Gas Tungsten Arc Welding of Aluminum (M/P/S 22 to M/P/S/ 22), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (revision of ANSI/AWS B2.1.22-015-2002)

Stakeholders: Welders, shops.

Project Need: To provide the essential variables for qualification of aluminum in the thickness range of 10-18 gauge using GTAW.

Contains the essential welding variables for aluminum in the thickness range of 10 through 18 gage 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 fillet welds and groove welds.

IPC (IPC - Association Connecting Electronics Industries)

Office: 3000 Lakeside Drive Suite 309-S
Bannockburn, IL 60015

Contact: *Jeanne Cooney*

Fax: (847) 509-9798

E-mail: JeanneCooney@ipc.org

BSR/IPC 7095B-200x, Design and Assembly Process Implementation for BGAs (revision of ANSI/IPC 7095A-2006)

Describes the design and assembly challenges for implementing Ball Grid Array (BGA) and Fine Pitch BGA (FBGA) technology. The effect of BGA and FBGA on current technology and component types are addressed, as is the move to lead-free assembly processes. The focus on the information contained in this standard is on critical inspection, repair, and reliability issues associated with BGAs.

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Matt Clark*

E-mail: Mat_clark@nema.org; ran_roy@nema.org

BSR C78.357-200x, Tungsten Halogen Lamps (non-vehicle) (revision, redesignation and consolidation of ANSI C78.MR11-2-1997 (R2007), C78.1413-2001 (R2006), C78.1417-1997 (R2007), C78.1421-2002 (R2007), C78.1500-2001 (R2006), C78.1503-2001 (R2006), C78.1504-2001 (R2006), C78.1505-2001 (R2006), and C78.24-2001 (R2006))

Stakeholders: Manufacturers.

Project Need: To revise, consolidate and redesignate already-published ANSLG tungsten halogen lamp-specific performance standards.

Provides an all-inclusive performance and dimensional standard for non-vehicle halogen lamps and is intended for lamps used globally.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209

Contact: *Eric Schweitzer*

Fax: (703) 841-3376

E-mail: Eric.Schweitzer@NEMA.org

BSR/ICEA S-84-608-200x, Telecommunications Cable, Filled, Polyolefin Insulated, Copper Conductor, Technical Requirements (revision of ANSI/ICEA S-84-608-2002)

Stakeholders: Telecom Industry.

Project Need: To update an existing standard in accordance with established guidelines.

Covers mechanical and electrical requirements for filled, polyolefin-insulated, copper-conductor telecommunications cable.

BSR/ICEA S-85-625-200x, Telecommunications Cable, Aircore, Polyolefin Insulated, Copper Conductor (revision of ANSI/ICEA S-85-625-2002)

Stakeholders: Telecom Industry.

Project Need: To update an existing standard in accordance with established guidelines.

Covers mechanical and electrical requirements for aircore, polyolefin-insulated, copper-conductor telecommunications cable.

NEMA (ASC C81) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Matt Clark*

E-mail: Mat_clark@nema.org; ran_roy@nema.org

BSR/ANSLG C81.61-200x, Electrical Lamp Bases (revision of ANSI/ANSLG C81.61-2007)

Stakeholders: Manufacturers.

Project Need: To provide a revision of this standard.

Sets forth the specifications for bases (caps) used on electric lamps.

BSR/ANSLG C81.62-200x, Lampholders for Electric Lamps (revision of ANSI/ANSLG C81.62-2007)

Stakeholders: Manufacturers.

Project Need: To provide a revision of this standard.

Sets forth the specifications for lampholders for electric lamps.

BSR/ANSLG C81.63-200x, Gauges for Electric Lamp Bases and Lampholders (revision of ANSI/ANSLG C81.63-2007)

Stakeholders: Manufacturers.

Project Need: To provide a revision of this standard.

Sets forth the specifications for electric lamp bases and lampholders.

NFPA (National Fire Protection Association)

Office: One Batterymarch Park
Quincy, MA 02269-9101

Contact: *Milosh Puchovsky*

Fax: (617) 770-3500

E-mail: mpuchovsky@nfpa.org; lfuller@nfpa.org

ANSI/NFPA 408-2004, Standard for Aircraft Hand Portable Fire Extinguishers (withdrawal of ANSI/NFPA 408-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Specifies requirements for the type, capacity, rating, number, location, installation, and maintenance of aircraft hand portable fire extinguishers to be provided for the use of flight crew members or other occupants of an aircraft for the control of incipient fires in the areas of aircraft that are accessible during flight. This standard also includes requirements for training flight crew members in the use of these extinguishers.

BSR/NFPA 11-200x, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2005)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Covers the design, installation, operation, testing, and maintenance of low-, medium-, and high-expansion foam systems for fire protection. It is not the intent of this standard to specify where foam protection is required.

BSR/NFPA 13E-200x, Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems (revision of ANSI/NFPA 13E-2005)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Provides basic procedures and information for use in fire-department operations concerning properties equipped with certain fixed fire-protection systems. The fixed systems covered in this recommended practice are interior automatic sprinkler systems, exterior sprinkler systems, and standpipe systems.

BSR/NFPA 18-200x, Standard on Wetting Agents (revision of ANSI/NFPA 18-2006)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Describes qualification tests, methods of evaluation, general rules for application, and limitations for use of wetting agents as related to fire control and extinguishment. The method whereby the wetting agent is added to water is not herein specifically set forth. The solution can be premixed in tanks or can result from bringing the wetting agent into contact with water by any suitable proportioning device, providing, however, said device shall be approved in accordance with applicable standards.

BSR/NFPA 120-200x, Standard for Fire Prevention and Control in Coal Mines (revision of ANSI/NFPA 120-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Covers minimum requirements for reducing loss of life and property from fire and explosion in the following:
(1) Underground bituminous coal mines;
(2) Coal preparation plants designed to prepare coal for shipment;
(3) Surface building and facilities associated with coal mining and preparation; and
(4) Surface coal and lignite mines.

BSR/NFPA 122-200x, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities (revision of ANSI/NFPA 122-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Covers minimum requirements for safeguarding life and property against fire and related hazards associated with metal and nonmetal underground and surface mining and metal mineral processing plants.

BSR/NFPA 405-200x, Standard for the Recurring Proficiency of Airport Fire Fighters (revision of ANSI/NFPA 405 -2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Contains the required performance criteria by which an authority having jurisdiction over aircraft rescue and fire fighting (ARFF) maintains proficiency and effective ARFF at airports.

BSR/NFPA 409-200x, Standard on Aircraft Hangars (revision of ANSI/NFPA 409-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Contains the minimum requirements for the proper construction of aircraft hangars and protection of aircraft hangars from fire.

BSR/NFPA 410-200x, Standard on Aircraft Maintenance (revision of ANSI/NFPA 410-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Covers the minimum requirements for fire safety to be followed during aircraft maintenance and does not include the health and safety requirements for personnel involved in aircraft maintenance. The operations covered include the following:
(a) Maintenance of electrical systems;
(b) Maintenance of oxygen systems;
(c) Fuel tank repairing, cleaning, painting, and paint removal;
(d) Welding operations in hangars;
(e) Interior cleaning; and
(f) Refurbishing operations.

BSR/NFPA 422-200x, Guide for Aircraft Accident/Incident Response Assessment (revision of ANSI/NFPA 422-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Provides a framework for the collection of data that provides information on the effectiveness of aircraft accident/incident emergency response services.

BSR/NFPA 423-200x, Standard for Construction and Protection of Aircraft Engine Test Facilities (revision of ANSI/NFPA 423-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Establishes the minimum fire safety practices regarding location, construction, services, utilities, fire protection, operation, and maintenance of aircraft engine test facilities. These facilities include test cells and test stands.

BSR/NFPA 520-200x, Standard on Subterranean Spaces (revision of ANSI/NFPA 520-2005)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Addresses the safeguarding of life and property against fire, explosion, and related hazards associated with developed subterranean spaces.

BSR/NFPA 701-200x, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of ANSI/NFPA 701-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Describes two test methods for fire tests for flame propagation of textiles and films. Test Method 1 shall apply to fabrics or other materials used in curtains, draperies, or other window treatments. Test Method 2 (flat specimen configuration) shall be used for fabrics, including multilayered fabrics, films, and plastic blinds, with or without reinforcement or backing, with areal densities greater than 700 g/m2 (21 oz/yd2).

BSR/NFPA 853-200x, Standard for the Installation of Stationary Fuel Cell Power Systems (revision of ANSI/NFPA 853-2007)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Applies to the design, construction, and installation of stationary fuel cell power systems. The scope of this document includes the following:
(1) A singular prepackaged, self-contained power system unit;
(2) Any combination of prepackaged, self-contained power system units;
(3) Power system units comprising two or more factory-matched modular components intended to be assembled in the field; and
(4) Engineered and field-constructed power systems that employ fuel cells.

BSR/NFPA 900-200x, Building Energy Code (revision of ANSI/NFPA 900-2006)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Controls the minimum energy-efficient requirements for the following:
(1) The design, construction, reconstruction, alteration, repair, demolition, removal, inspection, issuance, and revocation of permits or licenses, installation of equipment related to energy conservation in all buildings and structures and parts thereof;
(2) The rehabilitation and maintenance of construction related to energy efficiency in existing buildings; and
(3) The standards or requirements for materials to be used in connection therewith.

BSR/NFPA 1150-200x, Standard on Foam Chemicals for Fires in Class A Fuels (revision of ANSI/NFPA 1150 -2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Specifies requirements for foam and the chemicals used to produce foam that is used to control, suppress, or prevent fires in Class A fuels.

BSR/NFPA 1410-200x, Standard on Training for Initial Emergency Scene Operations (revision of ANSI/NFPA 1410-2005)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Contains the minimum requirements for evaluating training for initial fire suppression and rescue procedures used by fire department personnel engaged in emergency scene operations. This standard specifies basic evolutions that can be adapted to local conditions and serves as a standard mechanism for the evaluation of minimum acceptable performance during training for initial fire suppression and rescue activities.

BSR/NFPA 1452-200x, Guide for Training Fire Service Personnel to Conduct Dwelling Fire Safety Surveys (revision of ANSI/NFPA 1452-2005)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Provides fire-department training officers or other fire service personnel with a guide for the establishment of a dwelling fire safety program for their community.

BSR/NFPA 1600-200x, Standard on Disaster/Emergency Management and Business Continuity Programs (revision of ANSI/NFPA 1600-2006)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Establishes a common set of criteria for disaster/emergency management and business continuity programs.

BSR/NFPA 1931-200x, Standard for Manufacturer's Design of Fire Department Ground Ladders (revision of ANSI/NFPA 1931-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Specifies the requirements for the design of fire-department ground ladders and for the design verification tests that are to be conducted by the ground ladder manufacturer. The tests specified in this standard are the responsibility of the ladder manufacturer only and are not to be performed by fire departments.

BSR/NFPA 1932-200x, Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders (revision of ANSI/NFPA 1932-2004)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, consumers, special experts.

Project Need: To serve the public interest and need.

Specifies requirements for the use, maintenance, inspection, and service testing of fire department ground ladders.

NGWA (National Ground Water Association)

Office: 601 Dempsey Road
Westerville, OH 43081-8978

Contact: *Jonathan Jenkins*

Fax: (614) 898-7786

E-mail: jjenkins@ngwa.org

BSR/NGWA 01-200x, Water Well Construction Standard (new standard)

Stakeholders: Consumers, regulatory agencies, and water well professionals.

Project Need: To form an industry consensus on the proper procedures and techniques of siting, drilling, installing, developing, testing, or decommissioning a water well.

Contains sections dedicated to:
- siting, testing, formation sampling;
- methods of construction;
- casing selection and installation;
- grouting;
- screens and intakes;
- filter pack construction;
- plumbness and alignment;
- development;
- testing for performance;
- disinfection;
- water sampling and analysis; and
- permanent well and test hole decommissioning (abandonment).

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201
Contact: *Marianna Kramarikova*
Fax: 703-907-7728
E-mail: mkramarikova@tiaonline.org

BSR/TIA 455-224-A-200x, Adopt a new revision of IEC 61744 as a new revision of TIA 455-224-A (revision of ANSI/TIA 455-224-2002)

Stakeholders: Telecommunications Industry Association.

Project Need: The IEC document was previously adopted as FOTP-224. It is the intent to also adopt the new revision of the IEC document as a new revision of the FOTP.

IEC document was previously adopted as FOTP-224. It is the intent to also adopt the new revision of the IEC document as a new revision of the FOTP.

BSR/TIA 455-226-A-200x, Adopt a new revision of IEC-61746 as a new revision of TIA-455-226-A (revision of ANSI/TIA 455-226-2002)

Stakeholders: Telecommunications Industry Association.

Project Need: The previous version of the IEC document was adopted as FOTP-226. It is the intent to also adopt the new revision of the IEC standard as a new revision to the FOTP.

The previous version of the IEC document was adopted as FOTP-226. It is the intent to also adopt the new revision of the IEC standard as a new revision to the FOTP.

BSR/TIA 455-231-A-200x, Adopt a new revision of IEC-61315 as a new revision of TIA 455-231-A (identical national adoption and revision of ANSI/TIA 455-231-2003)

Stakeholders: Telecommunications Industry Association.

Project Need: The previous revision of IEC-61315 had been adopted as TIA 455-231. It is the intent to also adopt the new revision of this standard.

The previous revision of IEC-61315 had been adopted as TIA-455-231. It is the intent to also adopt the new revision of this standard.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

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

ISO and IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 27085, Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES - 5/9/2008, $88.00

ISO/DIS 29841, Animal and vegetable fats and oils - Determination of the degradation products of chlorophylls a (pheophytins and pyropheophytins) - 5/2/2008, $53.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 2563, Aircraft ducting and piping - Profile dimensions for flanges of V-band couplings - 5/9/2008, $53.00

ISO/DIS 26872, Space systems - Disposal of satellites operating at geosynchronous altitude - 5/9/2008, $112.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 286-2/DAmd1, ISO system of limits and fits - Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts - 5/1/2008, $46.00

FINE CERAMICS (TC 206)

ISO/DIS 27447, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for antibacterial activity of semiconducting photocatalytic materials - 5/12/2008, $82.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 25720, Genomic sequence variation markup language - 5/8/2008, $175.00

HOROLOGY (TC 114)

ISO/DIS 12819, Methods of evaluation of the battery life of a battery-powered watch - 5/2/2008, $53.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 7199, Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) - 5/9/2008, $58.00

ISO/DIS 11663, Quality of dialysis fluid for haemodialysis and related therapies - 5/2/2008, $67.00

ISO/DIS 13958, Concentrates for haemodialysis and related therapies - 5/12/2008, $88.00

ISO/DIS 13959, Water for haemodialysis and related therapies - 5/12/2008, $67.00

ISO/DIS 15674, Cardiovascular implants and artificial organs - Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags - 5/9/2008, $53.00

ISO/DIS 15675, Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters - 5/9/2008, $53.00

ISO/DIS 26722, Water treatment equipment for haemodialysis applications and related therapies - 5/12/2008, $98.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 16100-5, Industrial automation systems and integration - Manufacturing software capability profiling for interoperability - Part 5: Methodology for profile matching using multiple capability class structures - 5/9/2008, $119.00

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

ISO/DIS 10426-1, Petroleum and natural gas industries - Cements and materials for well cementing - Part 1: Specification - 5/1/2008, $107.00

ISO/DIS 21809-4, Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 4: Polyethylene coatings (2-Layer PE) - 5/2/2008, $102.00

ISO 13503-2/DAmd1, Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations - 5/1/2008, $33.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 12922, Lubricants, industrial oils and related products (class L) - Family H (Hydraulic systems) - Specifications for categories HFAE, HFAS, HFB, HFC, HFDR and HFDU - 5/8/2008, $58.00

PLASTICS (TC 61)

ISO/DIS 4608, Plastics - Homopolymer and copolymer resins of vinyl chloride for general use - Determination of plasticizer absorption at room temperature - 5/1/2008, $40.00

ROAD VEHICLES (TC 22)

ISO/DIS 4113, Road vehicles - Calibration fluids for diesel injection equipment - 5/9/2008, $40.00

ISO/DIS 26865, Road vehicles - Brake lining friction materials - Standard performance test procedure for commercial vehicles with air brakes - 5/9/2008, $53.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 1402, Rubber and plastics hoses and hose assemblies - Hydrostatic testing - 5/2/2008, $53.00

ISO/DIS 4080, Rubber and plastics hoses and hose assemblies - Determination of permeability to gas - 5/8/2008, $46.00

ISO/DIS 28017, Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications - Specification - 5/12/2008, $58.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 7176-21, Wheelchairs - Part 21: Requirements and test methods for electromagnetic compatibility of electrically powered wheelchairs and scooters, and battery chargers - 5/2/2008, $77.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 24631-1, Radiofrequency identification of animals - Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code) - 5/9/2008, $58.00

ISO/DIS 24631-2, Radiofrequency identification of animals - Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785 - 5/9/2008, $53.00

ISO/DIS 24631-3, Radiofrequency identification of animals - Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785 - 5/9/2008, $88.00

ISO/DIS 24631-4, Radio frequency identification of animals - Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785 - 5/9/2008, $62.00

WOOD-BASED PANELS (TC 89)

ISO/DIS 16895-2, Wood-based panels - Dry process fibreboard - Part 2: Requirements - 5/12/2008, $82.00

IEC Standards

13/1424/FDIS, IEC 62055-52: Electricity metering - Payment systems - Part 52: Standard transfer specification (STS) - Physical layer protocol for a two-way virtual token carrier for direct local connection, 04/11/2008

32A/261/FDIS, IEC 60282-2 Ed. 3.0: High-voltage fuses - Part 2: Expulsion fuses, 04/11/2008

37A/200/FDIS, IEC 61643-21 A1 Ed. 1.0: Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Performance requirements and testing methods, 04/11/2008

40/1897/FDIS, IEC 60393-1: Potentiometers for use in electronic equipment - Part 1: Generic specification, 04/11/2008

45A/694/FDIS, IEC 61227 Ed.2: Nuclear power plants - Control rooms - Operator controls, 04/11/2008

45B/579/FDIS, IEC 62363 Ed.1: Radiation protection instrumentation - Portable photon contamination meters and monitors, 04/11/2008

55/1056/FDIS, IEC 60317-0-3 Ed. 3.0: Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminum wire, 04/11/2008

61/3562/FDIS, IEC 60335-2-17-A2 Ed 2.0: Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads and similar flexible heating appliances, 04/11/2008

61E/616/FDIS, IEC 60335-2-39-A2 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 04/11/2008

61E/617/FDIS, IEC 60335-2-49-A1 Ed 4.0: Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric hot cupboards, 04/11/2008

65C/495/FDIS, IEC 62439: High availability automation networks, 04/11/2008

82/512/FDIS, IEC 61646 Ed.2: Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval, 04/11/2008

86A/1203/FDIS, IEC 60794-3-30 Ed. 2.0: Optical fibre cables - Part 3-30: Outdoor cables - Family specification for optical telecommunication cables for lakes, river crossings and coastal applications, 04/11/2008

86A/1204/FDIS, IEC 60794-2-50 Ed. 1.0: Optical fibre cables - Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies, 04/11/2008

100/1354/FDIS, IEC 62480: Multimedia home network - Network interfaces for network adapter (TA9), 04/11/2008

104/456/FDIS, IEC 60068-2-64 Ed. 2.0: Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance, 04/11/2008

7/587/FDIS, IEC 62420 Ed. 1.0: Concentric lay stranded overhead electrical conductors containing one or more gap(s), 04/04/2008

62D/671/FDIS, IEC 60601-2-16, Ed. 3: Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, 04/04/2008

68/365/FDIS, Amendment 1 to IEC 60404-2 Ed. 3.0: Magnetic materials - Part 2: Methods of measurement of the magnetic properties of electrical steel sheet and strip by means of an Epstein frame, 04/04/2008

86B/2683/FDIS, IEC 61758-1 Ed. 1.0: Fibre optic interconnecting devices and passive components - Interface standard for closures - Part 1: General and guidance, 04/04/2008

17A/815/FDIS, IEC 62271-100 Ed.2: High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers, 03/28/2008

34A/1267/FDIS, IEC 60432-3 A2 Ed.1: Amendment 2 to IEC 60432-3 Ed.1: Incandescent lamps - Safety specifications - Part 3: Tungsten-halogen lamps (non-vehicle), 03/28/2008

34D/889/FDIS, IEC 60598-1 Ed.7: Luminaires - Part 1: General requirements and tests, 03/28/2008

61/3559/FDIS, IEC 60335-2-45-A1 Ed 3.0: Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances, 03/28/2008

95/227/FDIS, IEC 60255-22-2 Ed.3: Measuring relays and protection equipment - Part 22-2: Electrical disturbance tests - Electrostatic discharge tests, 03/28/2008

95/228/FDIS, IEC 60255-22-4 Ed.3: Measuring relays and protection equipment - Part 22-4: Electrical disturbance tests - Electrical fast transient/burst immunity test, 03/28/2008

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.

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 13366-1:2008, Milk - Enumeration of somatic cells - Part 1: Microscopic method (Reference method), $85.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 22514-3:2008, Statistical methods in process management - Capability and performance - Part 3: Machine performance studies for measured data on discrete parts, $97.00

CHAINS AND CHAIN WHEELS FOR POWER TRANSMISSION AND CONVEYORS (TC 100)

ISO 10823/Cor1:2008, Guidance on the selection of roller chain drives - Corrigendum, FREE

CRANES (TC 96)

ISO 4309/Amd1:2008, Wire rope for lifting appliances - Code of practice for examination and discard - Amendment 1, $15.00

EARTH-MOVING MACHINERY (TC 127)

ISO 10265:2008, Earth-moving machinery - Crawler machines - Performance requirements and test procedures for braking systems, $68.00

ERGONOMICS (TC 159)

ISO 7250-1:2008, Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks, $102.00

HEALTH INFORMATICS (TC 215)

ISO 13606-1:2008, Health informatics - Electronic health record communication - Part 1: Reference model, $179.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO 3846:2008, Hydrometry - Open channel flow measurement using rectangular broad-crested weirs, $108.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9039:2008, Optics and photonics - Quality evaluation of optical systems - Determination of distortion, $91.00

OTHER

ISO 4044:2008, Leather - Chemical tests - Preparation of chemical test samples, $34.00

ISO 4045:2008, Leather - Chemical tests - Determination of pH, $40.00

ISO 4048:2008, Leather - Chemical tests - Determination of matter soluble in dichloromethane and free fatty acid content, $46.00

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

ISO 18373-2:2008, Rigid PVC pipes - Differential scanning calorimetry (DSC) method - Part 2: Measurement of the enthalpy of fusion of crystallites, $68.00

ROAD VEHICLES (TC 22)

ISO 22241-3:2008, Diesel engines - NOx reduction agent AUS 32 - Part 3: Handling, transportation and storing, $61.00

SOIL QUALITY (TC 190)

ISO 18772:2008, Soil quality - Guidance on leaching procedures for subsequent chemical and ecotoxicological testing of soils and soil materials, $114.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 9012:2008, Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests, $68.00

ISO 13918:2008, Welding - Studs and ceramic ferrules for arc stud welding, $114.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 25102:2008, Intelligent transport systems - System architecture - Use Case pro-forma template, $74.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14165-251:2008, Information technology - Fibre Channel - Part 251: Framing and Signaling (FC-FS), $324.00

ISO/IEC 23001-5:2008, Information technology - MPEG systems technologies - Part 5: Bitstream Syntax Description Language (BSDL), $156.00

ISO/IEC 23003-1/Cor1:2008, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Corrigendum, FREE

ISO/IEC 23004-5:2008, Information technology - Multimedia Middleware - Part 5: Component download, $156.00

ISO/IEC 23004-6:2008, Information technology - Multimedia Middleware - Part 6: Fault management, $131.00

ISO/IEC 23004-7:2008, Information technology - Multimedia Middleware - Part 7: System integrity management, $167.00

ISO/IEC 24752-1:2008, Information technology - User interfaces - Universal remote console - Part 1: Framework, $146.00

ISO/IEC 24752-2:2008, Information technology - User interfaces - Universal remote console - Part 2: User interface socket description, $146.00

ISO/IEC 24752-3:2008, Information technology - User interfaces - Universal remote console - Part 3: Presentation template, $85.00

ISO/IEC 24752-4:2008, Information technology - User interfaces - Universal remote console - Part 4: Target description, $74.00

ISO/IEC 24752-5:2008, Information technology - User interfaces - Universal remote console - Part 5: Resource description, $138.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

Call for Comment Listings

BSR/UL 1598-200x

BSR/UL 1598-200x, Luminaires (revision of ANSI/UL 1598-2004)

The following topics are being recirculated:

(2) Add requirements for evaluation of accessible lampholder leads during normal use;

(5) Add requirements for smaller gage wire conductors for Class 2 power limited circuits;

(8) Revise requirements for open holes and openings to reduce risk of fire when certain electrical components are used;

(9) Add torque and strength test requirements for ground-screw assemblies;

(11) Add strain relief test requirements to address metal junction boxes having integral strain relief mechanism for cable;

(15) Revise temperature testing requirements for Type Non-IC recessed luminaires;

(17) Add 50-lb weight limit requirements for outlet boxes supplied to US markets;

(18) Revise volume requirements for wiring compartments and junction boxes;

(21) Revise temperature test requirements for surface ceiling luminaires;

(26) Clarify requirements for polymeric impact test; and

(30) Add Canada-only branch circuit disconnect Clauses 8.9 (CAN) and 8.10 (CAN).

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: Heather Sakellariou, UL-IL; Heather.Sakellariou@us.ul.com

NFPA Order and Comment Information

NFPA Fire Protection Standards Documentation

The National Fire Protection Association announced the availability of its semi-annual NFPA Report on Proposals (ROP 2008 ARC) for concurrent review and comment by NFPA and ANSI in the Volume 38, Number 26 issue of Standards Action.

The disposition of all comments received will now by published in the semi-annual NFPA Report on Comments (ROC 2008 ARC).

Report on Comments for 2008 Annual Revision Cycle will be released on February 22, 2008, and contains the disposition of comments received for those proposed documents listed below. As a result of the comments, changes may have been made to some of the Reports, and these changes are included in the Report on Comments. Anyone wishing to review the ROC 2008 ARC may do so at http://www.nfpa.org/ROPROC, or may secure a copy from:

2008 Annual Revision Cycle Report on Comments
National Fire Protection Association
Publication Sales Department
11 Tracy Drive
Avon, MA 02322

The documents on pages 5 - 8 are for the NFPA 2008 Annual Revision Cycle. The proposed NFPA documents addressed in the Report on Proposals (ROP) and in the follow-up Report on Comments (ROC) will only be presented for action at the NFPA June 2008 Association Technical Meeting to be held June 2-6, 2008 in Las Vegas, NV, when proper Amending Motions have been submitted to the NFPA by the deadline of April 4, 2008. Documents that receive no motions will not be presented at the meeting and instead will be forwarded directly to the Standards Council for action on issuance. For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (http://www.nfpa.org) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

BSR/NFPA 1-200x

BSR/NFPA 1-200x, Uniform Fire Code™ (revision of ANSI/NFPA 1-2006)

The scope includes, but is not limited to, the following:

(1) Inspection of permanent and temporary buildings, processes, equipment, systems, and other fire and related life safety situations;

(2) Investigation of fires, explosions, hazardous materials incidents, and other related emergency incidents;

(3) Review of design and construction plans, drawings, and specifications for life safety systems, fire protection systems, access, water supplies, processes, and hazardous materials and other fire and life safety issues;

(4) Fire and life safety education of fire brigades, employees, responsible parties, and the general public;

(5) Existing occupancies and conditions, the design and construction of new buildings, remodeling of existing buildings, and additions to existing buildings;

(6) Design, alteration, modification, construction, maintenance, and testing of fire protection systems and equipment;

(7) Access requirements for fire department operations;

(8) Hazards from outside fires in vegetation, trash, building debris, and other materials;

(9) Regulation and control of special events including, but not limited to, assemblage of people, exhibits, trade shows, amusement parks, haunted houses, outdoor events, and other similar special temporary and permanent occupancies;

(10) Interior finish, decorations, furnishings, and other combustibles that contribute to fire spread, fire load, and smoke production;

(11) Storage, use, processing, handling, and on-site transportation of flammable and combustible gases, liquids, and solids;

(12) Storage, use, processing, handling, and on-site transportation of hazardous materials;

(13) Control of emergency operations and scenes; and

(14) Conditions affecting fire fighter safety.

Obtain an electronic copy from: www.NFPA.org

Order from: 2008 AM ROC, NFPA, Customer Service, 11 Tracy Drive, Avon, MA 02322

Send comments (with copy to BSR) to: Milosh Puchovsky, NFPA; mpuchovsky@nfpa.org

Redesignation of Standard

ISO/IEC 17799:2005

ASD INCITS had originally adopted ISO/IEC 17799:2005 in 2005. Recently, ISO/IEC 17799:2005 and ISO/IEC 17799:2005 Technical Corrigendum1 were re-designated into ISO/IEC 27002:2005. ISO/IEC 27002 comprises ISO/IEC 17799:2005 and ISO/IEC 17799:2005/Cor.1:2007. Its technical content is identical to that of ISO/IEC 17799:2005. ISO/IEC 17799:2005/Cor.1:2007 changes the reference number of the standard from 17799 to 27002. Therefore, INCITS/ISO/IEC 17799-2005 shall also be re-designated to INCITS/ISO/IEC 27002:2005.

ANSI Accredited Standards Developers

Administrative Reaccreditation

Steel Deck Institute (SDI)

The Steel Deck Institute (SDI), an ANSI Organizational Member since 2002, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2008 version of the ANSI Essential Requirements, effective February 12, 2008. For additional information, please contact: Mr. Bob Paul, Chairman, SDI Standards Committee, EPIC Metals Corporation, 11 Talbot Avenue, Rankin, PA 15104; PHONE: (412) 351-3913; FAX: (412) 351-2018; E-mail: rpaul@epicmetals.com.

Reaccreditation

American Dental Association (ADA)

Comment Deadline: March 17, 2008

The American Dental Association (ADA) has submitted revised operating procedures in the format of a new annex to its existing accredited procedures for the documentation of consensus on a new series of proposed American National Standards to be known as "Smile Healthy". As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ADA's revised operating procedures, or to offer comments, please contact: Mr. Paul Bralower, Manager, Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611; PHONE: (312) 587-4129; FAX: (312) 440-2529; E-mail: bralowerp@ada.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d

Please submit any comments to CSA America by March 17, 2008, with a copy to the ExSC Recording Secretary in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org).

International Organization for Standardization (ISO)

Proposal for a New Field of ISO Technical Work

Industrial Furnaces and Associated Thermal Processing Equipment

Comment Deadline: February 22, 2008

JISC (Japan) has submitted to ISO a new field of ISO technical activity on Industrial Furnaces and Associated Thermal Processing Equipment, with the following proposed scope:

> Standardization of the requirements for Industrial Furnaces and Associated Thermal Processing Equipment, which include heated enclosures (add heat sources) such as furnaces, ovens, kilns, lehrs and dryers, and heating equipment such as burners, heating control equipment for industrial use excluding electro heat installations.

A copy of the proposal can be obtained for review by contacting Henrietta Scully, ANSI, via e-mail at hscully@ansi.org.

Responses on the proposal should be sent to Steven Cornish, ANSI, via e-mail: scornish@ansi.org by COB February 22, 2008. Comments received will be compiled and presented for ANSI's International Committee endorsement to be submitted to ISO.

NSF International Standard for Dietary Supplements —
Dietary supplements

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6 Test methods used by testing laboratories for identification and quantification of ingredients – raw materials and finished products

6.1 Identification test methods

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6.2 Quantification test methods

6.2.1 Botanicals

If declared on the label, the identity of marker constituents shall be evaluated in accordance with the methods in table 4. If no method exists or if improved technology allows for a more accurate and precise method to be developed, one may be developed. The use of any new method shall require that a validation be performed, following the principles of the AOAC Single Lab Validation Guideline as a minimum, which includes an evaluation of specificity, linearity, reproducibility, accuracy, spike recovery, and method detection limit (if applicable). More rigorous validation could follow according to the guidelines of ICH, FDA, GLP, CEN, and/or AOAC, as appropriate.

6.2.2 Vitamins

The quantity of vitamins shall be evaluated in accordance with the methods listed in the USP-NF. If no method exists or if improved technology allows for a more accurate and precise method to be developed, one may be developed. The use of any new method shall require that a validation be performed, following the principles of the AOAC Single Lab Validation Guideline as a minimum, which includes an evaluation of specificity, linearity, reproducibility, accuracy, spike recovery, and method detection limit (if applicable). More rigorous validation could follow according to the guidelines of ICH, FDA, GLP, CEN, and/or AOAC, as appropriate.

6.2.3 Minerals

The quantity of minerals shall be evaluated in accordance with the methods listed in the USP-NF. If no method exists or if improved technology allows for a more accurate and precise method to be developed, one may be developed. The use of any new method shall require that a validation be performed, following the principles of the AOAC Single Lab Validation Guideline as a minimum, which includes an evaluation of specificity, linearity, reproducibility, accuracy, spike recovery, and method detection limit (if applicable). More rigorous validation could follow according to the guidelines of ICH, FDA, GLP, CEN, and/or AOAC, as appropriate.

6.2.4 Other dietary supplement ingredients

An effort shall be made to seek out the most appropriate method to confirm claims for the product under evaluation. The source of these methods may include AOAC International, USP-NF, AHP, European, German, Japanese monographs, INA, etc. The use of any new method shall require that a validation be performed, following the principles of the AOAC Single Lab Validation Guideline as a minimum, which includes an evaluation of specificity, linearity, reproducibility, accuracy, spike recovery, and method detection limit (if applicable). More rigorous validation could follow according to the guidelines of ICH, FDA, GLP, CEN, and/or AOAC, as appropriate.

6.2.5 Quality assurance for quantitative test methods

Many of the quantitative test methods for dietary supplement samples are performed utilizing chromatographic procedures. The typical quality assurance criteria that are applied are described in the following sections, however, some methods may have unique criteria which would be defined within the laboratory standard operating procedures or other reference method. For example, non-chromatographic test methods (such as titration and potentiometric techniques, uv-visible and gravimetric procedures, micro-assays, etc.) would employ quality assurance steps as applicable to the situation.

6.2.5.1 Calibration

Quantification test methods shall be performed using certified reference standards as calibration standards. The standards are typically purchased as single chemicals with greater than 95% purity. If a high-purity standard is not available, a lower-purity material shall be used if there is a means by which the actual purity can be measured (e. g., uv absorbance).

6.2.5.1.1 Multi-level calibration curves

Multi-level calibration curves shall be prepared with a minimum of three concentration levels such that any sample preparations under evaluation would be bracketed by a calibration standard. Curves shall give a correlation ~~coefficient~~ coefficient (r) of 0.995 or higher.

6.2.5.1.2 Single-level calibrations ~~curves~~

If a single level calibration is employed, the standard shall be run in triplicate and the relative standard deviation between these runs shall not exceed 2%. The detector response of the prepared sample shall be within 90% -%110 of that of the standard.

6.2.5.1.3 Blanks

A method/reagent blank shall be included in each analytical run. The blank response for the analyte of interest shall not be greater than one half the response of the lowest calibration standard for multi-level calibration curves. For single-level calibrations, the blank response for the analyte of interest shall not exceed 5% of the sample response.

6.2.5.1.4 Reproducibility/accuracy

All unfamiliar matrices shall be prepared in triplicate.

Whenever possible, two additional preparations shall be spiked with the reference standard(s) to assess recovery/accuracy. The recovery in the range of 70-130% of the theoretical spike value is considered acceptable.

The reproducibility between the two spiked samples as measured by ~~percent~~ relative percent difference (RPD) shall be no greater than 20%. The reproducibility of the method is also evaluated by the percent relative standard deviation (%RSD) of the triplicate sample preparations, which should not exceed 25%,

NOTE – When spiking with the reference standard is price prohibitive, a control sample with a known result shall be tested as part of the analysis run; this shall include a certified reference material or a sample that has been analyzed in the past.

6.2.5.1.5 Continuing Calibration Verification (CCV)

In order to assess instrument stability, a Continuing Calibration Verification (CCV) or bracketing standard~~s~~ shall be run after every 10 sample preparations and/or at the end of the run. The recovery for the CCV shall be between ~~within the uncertainty of the method for the data to be acceptable~~80-120% of the theoretical standard value. CCV standards, which are run to confirm an existing calibration, must show recovery of 90-110%. If the result falls outside this range, a new calibration shall be run.

Tracking number 50i51r1
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Revision to NSF/ANSI 50 – 2007
Issue 51, Draft 1 (January 2008)

NSF/ANSI Standard for Swimming Pool and Spa Equipment

Circulation system components and related materials for swimming pools, spas/hot tubs

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1.5 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated below.

ASME, *Boiler and Pressure Vessel Code,* 2004[1]

ANSI/ASME A 112.19.8 M-1987 (R1996). *Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances*[3]

ANSI/ASME B 40.100 – 2000. *Pressure Gauge and Gauge Attachments*[3]

APHA, *Standard Methods for the Examination of Water and Wastewater,* twentieth edition[2]

ASTM C136-04: *Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates, 2004*[3]

ASTM, D 3739-~~05~~2006. *Standard Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis*[3]

ASTM E11-04: *Standard Specification for Wire Cloth Sieves for Testing Purposes, 2004*[3]

FDA, 21 CFR 170-199. *Code of Federal Regulations*[4]

FDA, 21 CFR Subchapter A, Part 58. *Code of Federal Regulations*[4]

IAPMO, PS-33-200~~4~~7a. *Flexible PVC Hose for Pools, Hot Tubs, Spa, and Jetted Bathtubs*[5]

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[1] ASME, 3 Park Avenue, New York, NY 10016-5990

[2] American Public Health Association, 800 I Street NW, Washington, DC 2000

[3] ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2859

[4] USFDA, 5600 Fishers Lane, Rockville, MD 20857

[5] IAPMO, 5001 E. Philadelphia St. Ontario, CA 91761

Article 430 of NFPA 70, 2005. *National Electrical Code* (NEC)[6]

NSF/ANSI 14 – 2004~~6~~7. *Plastics piping system components and related materials*

NSF/ANSI 42 – 2005~~6~~7e. *Drinking water treatment units – Aesthetic effects*

NSF/ANSI 51 – 2005~~6~~7. *Food equipment materials*

NSF/ANSI 60 – 2005a1. *Drinking water treatment chemicals – Health effects*

NSF/ANSI 61 – 2005~~6~~07a. *Drinking water system components – Health effects*

USEPA, 1993. *Methods for the Determination of Inorganic Substances in Environmental Samples*[7]

USEPA, 1990. *Methods for the Determination of Organic Compounds in Drinking Water Supplement 1*[7]

USEPA-600/4-79-020. *Methods for the Chemical Analysis of Water and Wastes*, March 1983[7]

USEPA *National Secondary Drinking Water Regulations*, 40 CFR Part 143[8]

USEPA *National Primary Drinking Water Regulations*, 40 CFR Part 14[8]

USEPA *National Primary Drinking Water Regulations*, 40 CFR Part 136[8]

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[6] National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269

[7] Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

[8] USEPA Environmental Monitoring and Support Laboratory, Cincinnati, OH 45268