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, in accordance with the developer's procedures.

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: September 9, 2012

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 2-201X, Equipment, Design, and Installation of Closed Circuit Ammonia Mechanical Refrigerating Systems (revision and redesignation of ANSI/IIAR 2-2008)

One section of IIAR 2-2008 will be revised to address the need for more detailed installation procedures.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Eric Smith, (703) 312-4200, eric.smith@iiar.org

NSF (NSF International)

Revision

BSR/NSF 332-201x (i7r1), Sustainability Assessment for Resilient Flooring (revision of ANSI/NSF 332-2011)

Issue 7 - Review GHG inventory section 6.6 and update normative references.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 48-201x, Electric Signs (revision of ANSI/UL 48-2011)

(1) Revision of Tables 4.2 and 4.3 to re-establish minimum metal thickness values;

(2) Revision of requirements in 4.1.5.3.1 for screws secured to sheet metal;

(3) Revision of requirements in 4.1.5.3.3 for self-drilling thread cutting and thread forming screws and addition of 4.1.5.3.4.

(4) Clarification of the minimum wire size requirements for internal connection to a branch circuit conductor in 4.2.5.2.1; and

(5) Revision of 5.9.1 to remove specifications for the container holding the test water.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan VanHeirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 797-201x, Standard for Safety for Electrical Metallic Tubing - Steel (Proposal dated 8-10-12) (revision of ANSI/UL 797-2007)

Proposal (dated 8-10-12) for the addition of date code marking requirements for tubing.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1254-201X, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing Systems Units (revision of ANSI/UL 1254-2010)

UL proposes revisions to UL 1254 for the requirements for flexible nonmetallic hose assemblies for distribution of agent.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

Comment Deadline: September 24, 2012

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/IEC 60601-2-24-201x, Medical electrical equipment - Part 2-24: Particular requirements for basic safety and essential performance of infusion pumps and controllers (identical national adoption of IEC 60601-2-24 (in development))

Applies to the basic safety and essential performance of infusion pumps and infusion controllers. This particular standard specifies the requirement for infusion pumps, infusion controllers, syringe pumps and infusion pumps for ambulatory use. These devices are intended for use by medical staff and home patients as prescribed and medically indicated.

Single copy price: 20.00 (AAMI members); $25.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, Phone: 1-877-249-8226/Fax: 1-301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO PC14708-6-201x, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (national adoption with modifications of ISO 14708-6:2010)

Specifies requirements that are applicable to implantable cardioverter defibrillators and the functions of active implantable medical devices intended to treat tachyarrhythmia.

Single copy price: 20.00 (AAMI members); $25.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, Phone: 1-877-249-8226/Fax: 1-301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST41-2008 (R201x), Ethylene oxide sterilization in health care facilities: Safety and effectiveness (reaffirmation of ANSI/AAMI ST41-2008)

Covers the safe and effective use of ethylene oxide, as a sterilant in health care facilities. The provisions of this document are intended to promote sterility assurance, help minimize occupational exposure to ethylene oxide, and guide health care personnel in the proper use of processing equipment.

Single copy price: 100.00 (AAMI members); $200.00 (list)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, Phone: 1-877-249-8226/Fax: 1-301-206 -9789)

Send comments (with copy to psa@ansi.org) to: Susan Gillespie, (703) 253 -8284, sgillespie@aami.org

ADA (American Dental Association)

New National Adoption

BSR/ADA Specification No. 100-201x, Orthodontic Brackets and Tubes (identical national adoption of ISO 27020:2010 and revision of ANSI/ADA 100-2004)

This standard is applicable to brackets and tubes for use in fixed orthodontic appliances. It gives details of methods to compare the functional dimensions of orthodontic brackets and tubes, the test methods by which they can be determined, as well as packaging and labeling information.

Single copy price: $40.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to psa@ansi.org) to: Same

ADA (American Dental Association)

New National Adoption

BSR/ADA Specification No. 134-201x, Metallic Materials for Fixed and Removable Restorations and Appliances (identical national adoption of ISO 22674:2006)

This standard classifies metallic materials that are suitable for the fabrication of dental appliances and restorations, including metallic materials recommended for use either with or without a ceramic veneer, or recommended for both uses, and specifies their requirements. It further specifies requirements with respect to packaging and marking the products and to the instructions to be supplied for the use of these materials. This standard does not apply to alloys for dental amalgam, dental brazing materials or metallic materials for orthodontic appliances, e.g., wire, bracket, band and screw.

Single copy price: $126.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to psa@ansi.org) to: Same

ADA (American Dental Association)

New National Adoption

BSR/ADA Specification No. 141-201x, Dental Duplicating Material (identical national adoption of ISO 14356:2003)

This standard specifies requirements and tests for the duplicating materials used in dentistry which are primarily intended for forming flexible molds needed to produce positive refractory investment copies of properly blocked-out master models.

Single copy price: $150.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to psa@ansi.org) to: Same

ADA (American Dental Association)

New National Adoption

BSR/ADA Specification No. 34-201x, Dental Cartridge Syringes (identical national adoption of ISO 9997:1999)

This standard specifies requirements and test methods for dental cartridge syringes, which are reusable dental syringes of the aspirating, non-aspirating and self-aspirating types using cartridges with dental local anesthetics.

Single copy price: $70.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to psa@ansi.org) to: Same

ADA (American Dental Association)

Reaffirmation

BSR/ADA Standard No. 122-2007 (R201x), Dental Casting and Baseplate Waxes (reaffirmation of ANSI/ADA 122-2007)

This standard is applicable to dental casting wax and to dental baseplate wax. It specifies the classification of, and requirements for, dental casting wax and baseplate wax together with the test methods to be employed to determine compliance with these requirements.

Single copy price: $40.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to psa@ansi.org) to: Same

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

Addenda

BSR/ASHRAE Addendum 55g-201x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

This proposed addendum clarifies the normative requirements for determining metabolic rates for representative occupants and moves these normative requirements to the body of the Standard. It adds a new informative appendix containing similar material that was previously in Normative Appendix A.

Single copy price: $35.00

Obtain an electronic copy from: Free download at http://www.ashrae.org/standards-research--technology/public-review-drafts

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

ASTM (ASTM International)

Revision

BSR/ASTM D2310-201x, Classification for Machine-Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2310-2006)

http://www.astm.org/ANSI_SA

Single copy price: $35.00

Obtain an electronic copy from: kwilson@astm.org

Order from: Karen Wilson, (610) 832-9743, kwilson@astm.org; cleonard@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR ATIS 0100008-2007 (R201x), Defects Per Million (DPM) Metric for Transaction Services Such as VoIP (reaffirmation of ANSI ATIS 0100008 -2007)

This standard defines a metric that can gauge the ability of an IP network to deliver transaction services in an acceptable manner. Transactions such as Voice over IP (VoIP) calls are either successfully completed as required, or they are considered to be defects. The DPM metric is defined as the ratio of all defective transactions to the total number of transactions attempted over a pre-determined period, normally by a factor of one million.

Single copy price: $58.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 0300211-201x, Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North Telecommunications System (revision of ANSI ATIS 0300211-2001 (R2011))

This standard provides the specifications, characteristics, and values of the National Security/Emergency Preparedness (NS/EP) - Telecommunications Service Priority (TSP) code. The TSP System is a Federal Communications Commission system which superseded the FCC National Communications System (NCS) Restoration Priority (RP) System. This standard contains sections covering its purpose and scope, code representation, allowable code values, and relative importance of activities associated with services having NS/EP TSP designations.

Single copy price: $55.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawal

BSR ATIS 0300075.1-2006, Usage Data Management for Packet-Based Services - Service - Neutral Protocol Specification for Billing Applications (withdrawal of ANSI ATIS 0300075.1-2006)

This document specifies a protocol intended for use in billing applications of any packet-based service. A three-tier composition of the protocol into Information Model, Encoding, and Transport components is described.

Single copy price: $68.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to psa@ansi.org) to: Same

BIFMA (Business and Institutional Furniture Manufacturers Association)

New Standard

BSR/BIFMA X6.1-201X, Educational Seating - Tests (new standard)

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of Educational Seating, including units with integrated desk or table surfaces.

Single copy price: Free

Obtain an electronic copy from: dpanning@bifma.org

Order from: David Panning, 616-285-3963, dpanning@bifma.org

Send comments (with copy to psa@ansi.org) to: Same

CRRC (Cool Roof Rating Council)

Revision

BSR/CRRC-1-201x, CRRC-1 Standard (revision of ANSI/CRRC 1-2010)

The CRRC-1 Standard covers specimen preparation and test methods for determining the initial and aged solar reflectance and thermal emittance of roofing products.

Single copy price: Free

Obtain an electronic copy from: http://coolroofs.org/documents/CRRC -1_Standard_with_approved_changes.pdf

Order from: http://coolroofs.org/documents/CRRC -1_Standard_with_approved_changes.pdf

Send comments (with copy to psa@ansi.org) to: info@coolroofs.org

DASMA (Door and Access Systems Manufacturers Association)

Revision

BSR/DASMA 105-201x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 105-1992 (R2004))

The standard is a test method that determines the performance of sectional garage doors and rolling doors impacted by missiles and subsequently subjected to cyclic static pressure differentials.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: Christopher Johnson, (216) 241-7333, cjohnson@thomasamc.com

Send comments (with copy to psa@ansi.org) to: Same

HPVA (Hardwood Plywood & Veneer Association)

Revision

BSR/HPVA EF 2012, Standard for Engineered Wood Flooring (revision of ANSI/HPVA EF 2009)

Requirements for grading, moisture content, machining, bond line, construction, formaldehyde emissions, and finish of engineered wood flooring. Includes methods for identifying products that conform to the Standard, as well as definitions of trade terms used. Information on ordering, installation, re-inspection practices and inherent characteristics is included in the Appendix.

Single copy price: $15.00

Order from: Brian Sause, (703) 435-2900 ext.127, bsause@hpva.org

Send comments (with copy to psa@ansi.org) to: Same

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

BSR/ITSDF B56.11.1-201X, Double Race or Bi-Level Swivel and Rigid Industrial Casters (revision of ANSI/ITSDF B56.11.1-2005)

This standard establishes dimensional standards and load capacity criteria for double race or bi-level swivel and rigid industrial casters in order to provide for the overall interchangeability of a complete caster.

Single copy price: Free

Obtain an electronic copy from: itsdf@earthlink.net

Order from: Chris Merther, (202) 296-9880, itsdf@earthlink.net

Send comments (with copy to psa@ansi.org) to: Same

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 104-201x, Standard for Installing Aluminum Building Wire and Cable (revision of ANSI/NECA 104-2006)

Describes installation procedures and design considerations for aluminum building wire and cable in residential, commercial, institutional, and industrial applications not exceeding 600 volts.

Single copy price: Free

Obtain an electronic copy from: neis@necanet.org

Order from: Michael Johnston, (301) 215-4521, neis@necanet.org

Send comments (with copy to psa@ansi.org) to: Same

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 120-201x, Standard for Installing Armored Cable (Type AC) and Metal-Clad Cable (Type MC) (revision of ANSI/NECA 120-2005)

This standard covers the installation of Type AC cable and Type MC cables, which are used for electrical wiring for residential, commercial and industrial occupancies. It also includes information on fittings and other accessories necessary for a quality installation of these cable systems.

Single copy price: Free

Obtain an electronic copy from: neis@necanet.org

Order from: Michael Johnston, (301) 215-4521, neis@necanet.org

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C29) (National Electrical Manufacturers Association)

New Standard

BSR C29.2-201x, Standard for Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (new standard)

This standard covers suspension-type insulators, 4-1/4 inches (108 millimeters) in diameter and larger, made of wet-process porcelain or of toughened glass and used in the transmission and distribution of electrical energy.

Single copy price: $44.00

Obtain an electronic copy from: Steve.Griffith@nema.org

Order from: Steve Griffith, 703-841-3297, Steve.Griffith@nema.org

Send comments (with copy to psa@ansi.org) to: Same

NEMA (ASC C81) (National Electrical Manufacturers Association)

Reaffirmation

BSR C81.64-2005 (R201x), Guidelines and General Information for Electrical Lamp Bases, Lampholders and Gauges (reaffirmation of ANSI C81.64-2005)

This standard gives guidance and information to designers and testing personnel and includes the designation system and general information regarding bases (caps), lampholder, and gauges.

Single copy price: $80.00

Obtain an electronic copy from: Chad.Hudnall@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org

Send comments (with copy to psa@ansi.org) to: Same

PLASA (PLASA North America)

New Standard

BSR E1.39-201x, Entertainment Technology - Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (new standard)

This standard establishes minimum requirements for the selection and use of personal fall arrest systems on portable structures in the entertainment industry. It also establishes minimum requirements for manufacturers and owners of these structures being used as work platforms. The purpose of the document is to provide employers and workers methods for protecting workers in the entertainment industry that meet or exceed current standards for industrial fall protection.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to psa@ansi.org) to: Same

PLASA (PLASA North America)

Revision

BSR E1.21-201x, Entertainment Technology - Temporary Ground-Supported Structures Used to Cover the Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events (revision of ANSI E1.21-2006)

ANSI E1.21 is being revised to cover the design, manufacture, and use of all the portable structures (not only roofs) used to support scenery, lighting, and sound equipment, and to cover the stages in the production of outdoor entertainment events. Excluded are structures for the public, such as audience bleachers and food vendor stands.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 186-201x, Product Environmental Requirements for Cable Telecommunications Facilities (new standard)

This specification defines product physical, environmental, electrical, and sustainability requirements during transportation, storage, operation, and disposal. The specification is limited to indoor shelf, frame, rack, and cabinet level mission critical cable systems equipment.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 76-201x, Antenna Selector Switches (revision of ANSI/SCTE 76-2007)

The purpose of this document is to specify recommended mechanical and electrical standards for broadband radio frequency (RF) devices whose primary purpose is to allow signals presented to an input port to be routed selectively to one of two or more output ports.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (with copy to psa@ansi.org) to: standards@scte.org

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 222-G-2005 (R201x), Structural Standard for Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 222-G-2005)

This Standard provides the requirements for the structural design and fabrication of new and the modification of existing structural antennas, antenna-supporting structures, mounts, structural components, guy assemblies, insulators, and foundations.

Single copy price: $329.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 222-G-1-2007 (R201x), Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 1 (reaffirmation of ANSI/TIA 222-G-1-2007)

This section relates to the strength design of structural steel angles, solid rounds and tubular members used in latticed towers, poles and guyed masts. The following clauses are based on the AISC-LRFD-99. When the requirements in AISC-LRFD-99 differ from this Standard, this Standard shall govern. If other shapes or types of structures are utilized, the requirements of AISC-LRFD-99 shall be used. Cold-formed light gauge steel structural members not covered by this Standard shall conform to the requirements of AISI-2001 “North American Specification for the Design of Cold-formed Steel Structural Members”.

Single copy price: $108.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60730-1-201X, Standard for Automatic Electrical Controls for Household and Similar Use - Part 1: General Requirements (national adoption with modifications of IEC 60730-1)

The IEC issued the fourth edition of IEC 60730-1 in March 2010. The current fourth edition of UL 60730-1 contains the third edition of IEC 60730-1 plus (a) its two amendments and (b) the North American national differences to IEC 60730-1. UL is proposing that UL 60730-1 be revised to incorporate the March 2010 edition of IEC 60730-1. UL is also proposing to modify the national differences currently existing in UL 60730-1. In addition, there is a proposed revision covering an alternate test potential for the electric strength test contained in 13.2.3.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 343-201X, Standard for Safety for Pumps for Oil-Burning Appliances (Proposal dated 8/10/12) (new standard)

These requirements cover pumps that are intended to be used as part of oil-burning appliances or installed in fuel-oil piping systems serving such equipment. Oil-burning appliance pumps may be either automatic or power-operated.

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 psa@ansi.org) to: Linda Phinney, (408) 754 -6684, Linda.L.Phinney@ul.com

Comment Deadline: October 9, 2012

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

RESNET (Residential Energy Services Network, Inc.)

New Standard

BSR/RESNET Standard 301-201x, Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index (new standard)

For residential buildings, the proposed standard will identify the metrics, tolerances, procedures, calculations and the required documentation to:

(1) Calculate the standard energy use of a home;

(2) Determine the HERS Index score of a home;

(3) Define the minimum rated features of a home;

(4) Calculate the retrofit savings for existing homes;

(5) Calculate the cost effectiveness of energy improvements to a home; and

(6) Label the certified energy performance of a home.

Single copy price: $55.00

Obtain an electronic copy from: http://www.resnet.us/professional/standards/proposed_consensus_standards

Order from: Rick Dixon, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See http://www.resnet.us/professional/standards/proposed_consensus_standards.

Technical Reports Registered with ANSI

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

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: September 9, 2012

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/IIEC TIR 15499-2012, Biological evaluation of medical devices - Guidance on the conduct of biological evaluation within a risk management process (TECHNICAL REPORT) (technical report)

This guidance is applicable to the conduct of biological evaluation of medical devices according to the requirements of ISO 10993-1. It does not add to, or otherwise change, the requirements of ISO 10993-1. This guidance does not include requirements to be used as the basis of regulatory inspection or certification assessment activities. This guidance is applicable to all biological evaluation of all types of medical devices including active, non-active, implantable, and non-implantable medical devices.

Single copy price: N/A

Order from: Susan Gillespie, (703) 525-4890, sgillespie@aami.org

Send comments (with copy to psa@ansi.org) to: Same

Correction

AAMI/IIEC TIR Listings

There was a typographical error in the designations of two AAMI (technical report) listings in the August 3, 2012 edition of Standards Action.

AAMI/IIEC TIR 90001-2-1-2012 should be AAMI/IIEC TIR 80001-2-1-2012

AAMI/IIEC TIR 90001-2-3-2012 should be AAMI/IIEC TIR 80001-2-3-2012

For inquiries contact: Hillary Woehrle, (703) 253-8293, HWoehrle@aami.org.

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI NS4-201x, Transcutaneous electrical stimulators (new standard)

BSR/AAMI ST41-2008 (R201x), Ethylene oxide sterilization in health care facilities: Safety and effectiveness (reaffirmation of ANSI/AAMI ST41-2008)

BSR/AAMI/IEC 60601-2-24-201x, Medical electrical equipment - Part 2 -24: Particular requirements for basic safety and essential performance of infusion pumps and controllers (identical national adoption of IEC 60601-2-24 (in development))

BSR/AAMI/ISO PC14708-6-201x, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (national adoption with modifications of ISO 14708-6:2010)

DASMA (Door and Access Systems Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: *Christopher Johnson*

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E-mail: cjohnson@thomasamc.com

BSR/DASMA 105-201x, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 105-1992 (R2004))

EASA (Electrical Apparatus Service Association)

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Contact: *Thomas Bishop*

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Fax: (314) 993-1269

E-mail: tbishop@easa.com

BSR/EASA AR100-201x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2010)

IIAR (International Institute of Ammonia Refrigeration)

Office: 1001 N. Fairfax Street, Suite 503
Alexandria, VA 22314

Contact: *Eric Smith*

Phone: (703) 312-4200

Fax: (703) 312-0065

E-mail: eric.smith@iiar.org

BSR/IIAR 2-201X, Equipment, Design, and Installation of Closed Circuit Ammonia Mechanical Refrigerating Systems (revision and redesignation of ANSI/IIAR 2-2008)

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

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INCITS/ISO/IEC 24739-1-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 1: Register Delivered Command Set, Logical Register Set (ATA/ATAPI-7 V1) (identical national adoption of ISO/IEC 24739-1:2009)

INCITS/ISO/IEC 24739-2-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 2: Parallel transport protocols and physical interconnect (ATA/ATAPI-7) (identical national adoption of ISO/IEC 24739-2:2009)

INCITS/ISO/IEC 24739-3-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 3: Serial transport protocols and physical interconnect (ATA/ATAPI-7 V3) (identical national adoption of ISO/IEC 24739-3:2010)

NEMA (ASC C29) (National Electrical Manufacturers Association)

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BSR C29.2-201x, Standard for Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (new standard)

TIA (Telecommunications Industry Association)

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Arlington, VA 22201

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Phone: (703) 907-7706

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E-mail: standards@tiaonline.org

BSR/TIA 222-G-2005 (R201x), Structural Standard for Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 222-G -2005)

BSR/TIA 222-G-1-2007 (R201x), Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 1 (reaffirmation of ANSI/TIA 222-G-1-2007)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Alan McGrath*

Phone: (847) 664-3038

Fax: (847) 664-3038

E-mail: alan.t.mcgrath@ul.com

BSR/UL 60730-1-201X, Standard for Automatic Electrical Controls for Household and Similar Use - Part 1: General Requirements (national adoption with modifications of IEC 60730-1)

Final actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/IEC 60601-2-47-2012, Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption of IEC 60601-2-47:2012 and revision of ANSI/AAMI EC38-2007): 8/1/2012

Reaffirmation

ANSI/AAMI/ISO 11140-3-2007 (R2012), Sterilization of health care products - Chemical indicators - Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test (reaffirmation of ANSI/AAMI/ISO 11140-3-2007): 8/7/2012

ANSI/AAMI/ISO 11140-4-2007 (R2012), Sterilization of health care products - Chemical indicators - Part 4: Class 2 indicators as an alternative to the Bowie and Dick-type test for detection of steam penetration (reaffirmation of ANSI/AAMI/ISO 11140-4-2007): 8/7/2012

ANSI/AAMI/ISO 11140-5-2007 (R2012), Sterilization of health care products - Chemical indicators - Part 5: Class 2 indicators for Bowie and Dick-type air removal tests (reaffirmation of ANSI/AAMI/ISO 11140-5-2007): 8/7/2012

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 2002-B88 (R2012), Tooth Thickness Specification and Measurement (reaffirmation of ANSI/AGMA 2002-B88 (R2006)): 8/1/2012

ANSI/AGMA 2015-2-2006 (R2012), Accuracy Classification System for Cylindrical Gears - Radial Measurements (reaffirmation of ANSI/AGMA 2015-2-2006): 8/1/2012

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S2.71-1983 (R2012), Standards Guide to the Evaluation of Human Exposure to Vibration in Buildings (reaffirmation and redesignation of ANSI S2.71-1983 (R2006)): 8/6/2012

ANSI/ASA S2.72-2002 (R2012)-Part 1/ISO 2631-1-1997 (R2012), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements (reaffirmation and redesignation of ANSI S2.72-2002 (R2007)-Part 1/ISO 2631-1 -1997 (R2007)): 8/6/2012

ANSI/ASA S2.72, Part 4-2003 (R2012)/ISO 2631-4-2001 (R2012), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems (reaffirmation and redesignation of ANSI S2.72, Part 4-2003 (R2007)/ISO 2631-4-2001 (R2007)): 8/6/2012

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

Addenda

ANSI/ASHRAE/USGBC/IES 189.1 f-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1 -2011): 6/28/2012

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B30.17-2006 (R2012), Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist) (reaffirmation of ANSI/ASME B30.17-2006): 8/6/2012

Withdrawal

ANSI/ASME B18.2.3.1M-1999, Metric Hex Cap Screws (withdrawal of ANSI/ASME B18.2.3.1M-1999 (R2011)): 8/2/2012

ASTM (ASTM International)

New Standard

ANSI/ASTM F2946-2012, Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (new standard): 8/1/2012

Reaffirmation

ANSI/ASTM F2487-2006 (R2012), Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene Pipelines (reaffirmation of ANSI/ASTM F2487-2006): 8/1/2012

Revision

ANSI/ASTM E84-2012, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84 -2012): 7/24/2012

ANSI/ASTM E136-2012, Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 C (revision of ANSI/ASTM E136 -2011): 8/1/2012

ANSI/ASTM E603-2012a, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2012): 8/1/2012

ANSI/ASTM E662-2012, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662 -2009): 7/24/2012

ANSI/ASTM E1317-2012, Test Method for Flammability of Marine Surface Finishes (revision of ANSI/ASTM E1317-2008a): 7/24/2012

ANSI/ASTM E1995-2012, Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, with the Test Specimen Oriented Horizontally (revision of ANSI/ASTM E1995-2008): 7/24/2012

ANSI/ASTM E2061-2012, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2009): 8/1/2012

ANSI/ASTM E2404-2012, Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) Wall or Ceiling Coverings to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2404-2010): 7/24/2012

ANSI/ASTM E2726-2012, Test Method for Evaluating the Fire-Test-Response of Deck Structures to Burning Brands (revision of ANSI/ASTM E2726-2012): 8/1/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI ATIS 0100030-2012, Mean Time Between Outages - A Generalized Metric for Assessing Production Failure Rates in Telecommunications Network Elements (revision of ANSI ATIS 0100030-2010): 8/6/2012

ANSI ATIS 0300003-2012, XML Schema Interface for Fault Management (Trouble Administration) (revision of ANSI ATIS 0300003-2010): 8/6/2012

Supplement

ANSI ATIS 0300227.a-2012, OAM&P - Interface to Support Fault Management (Trouble Administration) (supplement to ANSI ATIS 0300227-2008): 8/6/2012

BOMA (Building Owners and Managers Association)

New Standard

ANSI/BOMA Z65.6-2012, Mixed-Use Properties: Standard Methods of Measurement (new standard): 8/7/2012

CSA (CSA Group)

Revision

* ANSI Z21.97-2012, Standard for Outdoor Decorative Gas Appliances (same as CSA 2.41) (revision of ANSI Z21.97-2010): 8/1/2012

IEEE (Institute of Electrical and Electronics Engineers)

Addenda

ANSI/IEEE 802.16m-2011, Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Advanced Air Interface (addenda to ANSI/IEEE 802.16-2009): 7/26/2012

New Standard

ANSI/IEEE 1547.4-2011, Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems (new standard): 7/31/2012

ANSI/IEEE 15026-1-2011, Trial-Use Standard for Adoption of ISO/IEC TR 15026-1:2010 - Systems and Software Engineering - Systems (new standard): 8/1/2012

ANSI/IEEE 24748-1-2011, Guide for Adoption of ISO/IEC TR 24748 -1:2010, Systems and Software Engineering - Life Cycle Management (new standard): 8/1/2012

Reaffirmation

ANSI/IEEE C37.012-2005 (R2011), IEEE Application Guide for Capacitance Current Switching for AC High-Voltage Circuit Breakers (reaffirmation of ANSI/IEEE C37.012-2005): 8/1/2012

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

Stabilized Maintenance

INCITS/ISO/IEC 15816-2002 (S2012), Information Technology - Security Techniques - Security Information Objects for Access Control (stabilized maintenance of INCITS/ISO/IEC 15816-2002 (R2007)): 8/1/2012

INCITS/ISO/IEC 15945-2002 (S2012), Information Technology - Security Techniques - Specification of TTP Services to Support the Application of Digital Signatures (stabilized maintenance of INCITS/ISO/IEC 15945-2002 (R2007)): 8/1/2012

NEMA (National Electrical Manufacturers Association)

New Standard

ANSI/NEMA KS 3-2012, Guidelines for Inspection and Preventive Maintenance of Switches Used in Commercial and Industrial Applications (new standard): 8/2/2012

SLAS (Society for Laboratory Automation and Screening)

New Standard

ANSI/SLAS 6-2012, Standard #6 for Well Bottom Elevation (new standard): 8/1/2012

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 547 om-2012, Air permeance of paper and paperboard (Sheffield method) (new standard): 8/6/2012

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 41.550-E-1 [E]-2012, Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E -2004 (R2010)): 8/7/2012

ANSI/TIA 41.550-E-2 [E]-2012, Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E -2004 (R2010)): 8/7/2012

ANSI/TIA 41.550-E-3 [E]-2012, Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E -2004): 8/7/2012

ANSI/TIA 41.630-E-1 [E]-2012, Mobile Application Part (MAP) - Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005): 8/2/2012

ANSI/TIA 41.630-E-2 [E]-2012, Mobile Application Part: Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005): 8/2/2012

ANSI/TIA 41.640-E-1 [E]-2012, Mobile Application Part (MAP) - Intersystem Operations (addenda to ANSI/TIA 41.640-E-2005): 8/2/2012

ANSI/TIA 41.641-E-1 [E]-2012, Mobile Application Part (MAP) - SMS (addenda to ANSI/TIA 41.641-E-2005): 8/2/2012

ANSI/TIA 41.651-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Features (addenda to ANSI/TIA 41.651-E-2005 (R2012)): 8/2/2012

ANSI/TIA 41.690-E-1 [E]-2012, Mobile Application Part (MAP) - Timers (addenda to ANSI/TIA 41.690-E-2005 (R2012)): 8/2/2012

ANSI/TIA 41.691-E-2 [E]-2012, Mobile Application Part (MAP) - Annexes for the 6XX Series (addenda to BSR/TIA 41.691.E-200x): 8/2/2012

* ANSI/TIA 136-377-D-1 [E]-2012, TDMA Third Generation Wireless EGPRS-136 Gs Interface Specifications (addenda to ANSI/TIA 136 -377-D-2011): 8/6/2012

* ANSI/TIA 136.376-D-1 [E]-2012, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (addenda to ANSI/TIA 136-376-D-2011): 8/6/2012

New Standard

ANSI/TIA 41.332-E-2012, Mobile Application Part: Voice Feature Scenarios: Remote Feature Control (new standard): 8/7/2012

ANSI/TIA 1183-2012, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems (new standard): 8/6/2012

ANSI/TIA 4953-2012, Telecommunications - Telephone Terminal Equipment - Amplified Telephone Measurement Procedures and Performance Requirements (new standard): 8/7/2012

ANSI/TIA/EIA 136.440-D-1 (E)-2012, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (new standard): 8/7/2012

Revision

ANSI/TIA 942-A-2012, Telecommunications - Infrastructure Standard for Data Centers (revision of ANSI/TIA 942-2005): 8/2/2012

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 140-2008 (R2012), Relocking Devices for Safes and Vaults (Proposal dated 5/18/12) (reaffirmation of ANSI/UL 140-2008): 8/1/2012

ANSI/UL 1261-2004 (R2012), Standard for Safety for Electric Water Heaters for Pools and Tubs (reaffirmation of ANSI/UL 1261-2004 (R2008)): 7/31/2012

Revision

ANSI/UL 103-2012, Standard for Safety for Factory-Built Chimneys for Residential Type and Building Heating Appliances (revision of ANSI/UL 103-2006 (R2010)): 7/27/2012

* ANSI/UL 153-2012, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2011a): 7/27/2012

* ANSI/UL 153-2012a, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2011a): 7/27/2012

* ANSI/UL 484-201b, Standard for Safety for Room Air Conditioners (revision of ANSI/UL 484-2011a): 8/2/2012

* ANSI/UL 484-2012c, Standard for Safety for Room Air Conditioners (revision of ANSI/UL 484-2012a): 8/2/2012

* ANSI/UL 1563-2012, Standard for Safety for Electric Spas, Equipment Assemblies and Associated Equipment (revision of ANSI/UL 1563 -2011): 7/30/2012

* ANSI/UL 2255-2012, Standard for Safety for Receptacle Closures (revision of ANSI/UL 2255-2011): 7/31/2012

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI NS4-201x, Transcutaneous electrical stimulators (new standard)

Stakeholders: Manufacturers, regulators, clinicians.

Project Need: Establishes labeling, safety, and performance criteria that will help assure that these devices will be used safely and effectively by patients.

This standard establishes labeling, safety, and performance requirements and referee tests for transcutaneous electrical nerve stimulators intended for use in the treatment of pain syndrome; also covered are labeling requirements for patient leads and electrodes. The standard includes an appendix providing labeling/user guidelines for TENS devices and an appendix providing the rationale for the provisions of the standard.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

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Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

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E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 820 (I-P)-201x, Performance Rating of Ice Storage Bins (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for ice storage bins: definitions; test requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made Ice Storage Bins, as defined in Section 3.

BSR/AHRI Standard 821 (SI)-201x, Performance Rating of Ice Storage Bins (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish for ice storage bins: definitions; test requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made Ice Storage Bins, as defined in Section 3.

BSR/AHRI Standard 1140-201x, Sound Quality Evaluation Procedures for Air-Conditioning and Refrigeration Equipment (revision of ANSI/AHRI Standard 1140-2006)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors and users.

Project Need: The purpose of this standard is to establish sound quality evaluation procedures for air-conditioning and refrigeration equipment and to provide definitions; test requirements; sound-quality evaluation procedures; minimum data requirements for published ratings; and conformance conditions.

This standard applies to factory-made, residential, and commercial air-conditioning as well as transport refrigeration equipment.

ATIS (Alliance for Telecommunications Industry Solutions)

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BSR ATIS 0100036-201x, Media Plane Performance Security Impairments Standard for Evolving VoIP/Multimedia Networks (new standard)

Stakeholders: Communications Industry.

Project Need: To provide awareness and information regarding the use of security mechanisms in support of Next Generation Network (NGN) National Security and Emergency Preparedness (NS/EP) Services.

This ATIS Standard is intended to provide awareness and information regarding the use of security mechanisms in support of Next Generation Network (NGN) National Security and Emergency Preparedness (NS/EP) Services. When introducing network security mechanisms (e.g., IPSec) into Evolving Voice over Internet Protocol (VoIP) /Multimedia Networks one may encounter impairments introduced or exacerbated by those network security mechanisms.

BSR ATIS 0100037-201x, Extending Reliability Metrics to Support Evolving Telecommunications Architectures (new standard)

Stakeholders: Communications Industry.

Project Need: To define an appropriate metric that can satisfactorily describe the reliability of complex systems, presents illustrative examples, and creates incentives for service providers and equipment manufacturers to develop robust system designs.

Defines an appropriate metric that can satisfactorily describe the reliability of complex systems, presents illustrative examples, and creates incentives for Service Providers and Equipment Manufacturers to develop robust system designs.

BSR ATIS 0300075-201x, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (new standard)

Stakeholders: Communications Industry.

Project Need: To describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.

This document describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.

EASA (Electrical Apparatus Service Association)

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BSR/EASA AR100-201x, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2010)

Stakeholders: Electrical apparatus service centers and end users.

Project Need: EASA and ANSI procedures require periodic reaffirmation or revision of standards.

This document describes recordkeeping, tests, analysis, and general guidelines for the repair of rotating electrical apparatus, including generators and motors.

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

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INCITS/ISO/IEC 15944-8-201x, Information technology - Business Operational View - Part 8: Identification of privacy protection requirements as external constraints on business transactions (identical national adoption of ISO/IEC 15944-8:2012)

Stakeholders: ICT Stakeholders.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 15944-8: 2012 has been developed to support modeling generic international requirements for identifying and providing privacy protection of personal information throughout any kind of information and communications technology (ICT) -based business transaction in which the individual has the role of a buyer. It provides users and designers with a methodology and tools addressing requirements imposed by jurisdictional domains.

INCITS/ISO/IEC 24739-1-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 1: Register Delivered Command Set, Logical Register Set (ATA/ATAPI-7 V1) (identical national adoption of ISO/IEC 24739-1:2009)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 24739-1: 2009 (E) specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers and suppliers of intelligent storage devices. It defines the register delivered commands used by devices implementing the standard.

INCITS/ISO/IEC 24739-2-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 2: Parallel transport protocols and physical interconnect (ATA/ATAPI-7) (identical national adoption of ISO/IEC 24739-2:2009)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 24739-2: 2009 (E) specifies the AT Attachment Interface between host systems and storage devices. It provides a common attachment interface for systems manufacturers, system integrators, software suppliers, and suppliers of intelligent storage devices.

INCITS/ISO/IEC 24739-3-201x, Information technology - AT Attachment with Packet Interface - 7 - Part 3: Serial transport protocols and physical interconnect (ATA/ATAPI-7 V3) (identical national adoption of ISO/IEC 24739-3:2010)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

Specifies the connectors and cables for physical interconnection between host and storage device, the electrical and logical characteristics of the interconnecting signals, and the protocols for the transporting of commands, data, and status over the interface for the serial interface.

NISO (National Information Standards Organization)

Office: One North Charles Street, Suite 1905
Baltimore, MD 21201

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E-mail: hodgsonca@verizon.net

BSR/NISO Z39.85-201x, The Dublin Core Metadata Element Set (revision of ANSI/NISO Z39.85-2007)

Stakeholders: Electronic collection providers and managers; Metasearch, web harvesting, and search technology vendors; libraries.

Project Need: Make a minor maintenance revision to delete a statement from the dc:subject usage comments. Introduction to be updated.

Defines fifteen metadata elements for resource description in a cross disciplinary information environment. The revision deletes a sentence from the comments of the "subject" element to eliminate a potential ambiguity.

BSR/NISO Z39.93-201x, Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol (revision of ANSI/NISO Z39.93-2007)

Stakeholders: Libraries, content providers and aggregators, Electronic Resource Management (ERM) system vendors.

Project Need: Minor maintenance revision to add a normative error condition and to revise the information appendix regarding security.

The SUSHI protocol is designed to provide an automated method for retrieving standardized usage statistics reports using a machine-processable XML container. The protocol utilizes the Web services Simple Object Access Protocol (SOAP). Although it will be developed specifically to work with Project COUNTER reports, it is intended to accommodate other customized usage reports that conform to the protocol's requirements.

RESNET (Residential Energy Services Network, Inc.)

Office: P.O. Box 4562
Oceanside, CA 92052

Contact: *Steve Baden*

Fax: (760) 806-9449

E-mail: sbaden@resnet.us

* BSR/RESNET Standard 380-201x, Standard for Testing Enclosure and Air Distribution Leakage (new standard)

Stakeholders: Homebuilders, HVAC contractors, insulation contractors, building remodelers, weatherization companies, insulation manufacturers, appliance manufacturers, product distributors, program administrators (e.g., government agencies, utilities, home energy rating companies and residential building energy performance organizations).

Project Need: Home energy efficiency raters and energy auditors need standard methods for verifying minimum rated features and testing the air leakage of building enclosures and air distribution systems when evaluating the energy efficiency of homes and when establishing work scopes for repairs that reduce energy loss due to leakage. The standard complements the RESNET standard for auditing and rating the energy efficiency of homes.

This proposed standard is applicable to all single family residences and to all multifamily residences three stories or less in height above ground excepting hotels and motels and is a companion to the RESNET “Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index” (In development).

VITA (VMEbus International Trade Association (VITA))

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BSR/VITA 66.3-201x, Optical Interconnect on VPX - Mini Expanded Beam Variant (new standard)

Stakeholders: Manufacturers, suppliers, and users of VPX modules.

Project Need: Develop standard for interoperable optical interconnects.

The objective of this standard is to define a family of blind-mate Fiber Optic interconnects for use with VPX backplanes and plug-in modules.

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 (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8268
Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)
American Dental Association
211 E. Chicago Ave
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 524-8800
Fax: (703) 562-1942
Web: www.ahrinet.org

ASA (ASC S12)
Acoustical Society of America
35 Pinelawn Road, Suite 114E
Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: acousticalsociety.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle
Atlanta, GA 30329
Phone: 404-636-8400
Fax: 678-539-2125
Web: www.ashrae.org

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

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Ave. NW
Grand Rapids, MI 49504
Phone: 616-285-3963
Fax: 616-285-3765
Web: www.bifma.org

BOMA
Building Owners and Managers Association
1101 15th Street, NW, Suite 800
Washington, DC 20005
Phone: (202) 326-6357
Fax: (202) 326-6377
Web: www.boma.org

CRRC
Cool Roof Rating Council
1610 Harrison St
Oakland, CA 94612
Phone: 866-465-2523
Fax: 510-482-4421
Web: www.coolroofs.org

CSA
CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

DASMA
Door and Access Systems Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333
Fax: (216) 241-0105

EASA
Electrical Apparatus Service Association
1331 Baur Blvd.
St. Louis, MO 63132
Phone: (314) 993-2220
Fax: (314) 993-1269

HPVA
Hardwood Plywood & Veneer Association
P.O. Box 2789
1825 Michael Faraday Drive
Reston, VA 20190
Phone: (703) 435-2900 ext.127
Fax: (703) 435-2537
Web: www.hpva.org

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

IIAR
International Institute of Ammonia Refrigeration
1001 N. Fairfax Street, Suite 503
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW, Suite 610
Washington, DC 20005
Phone: 202-626-5741
Fax: 202-638-4922
Web: www.incits.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Fax: (202) 296-9884
Web: www.indtrk.orgdefault.asp

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4521
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C29)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3297
Fax: 703-841-3397
Web: www.nema.org

NEMA (ASC C37)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: 703-841-3253
Fax: 703-841-3353
Web: www.nema.org

NEMA (ASC C81)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3228
Fax: 202.431.6040
Web: www.nema.org

NISO
National Information Standards Organization
One North Charles Street, Suite 1905
Baltimore, MD 21201
Phone: (301) 654-2512
Fax: (410) 685-5278
Web: www.niso.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

PLASA
PLASA North America
630 Ninth Avenue, Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

RESNET
Residential Energy Services Network, Inc.
P.O. Box 4562
Oceanside, CA 92052
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us/

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

SLAS
Society for Laboratory Automation and Screening

100 Illinois Street, 242
St. Charles, Illinois 60174
Phone: (630) 256-7527
Fax: (630) 741-7527
Web: www.slas.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Norcross, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

2500 Wilson Boulevard, Suite 300
Arlington, VA 22201
Phone: (703) 907-7497
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Fax: (847) 664-3038
Web: www.ul.com/

VITA
VMEbus International Trade Association (VITA)

PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com/

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 for the creation and maintenance of 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 40+ 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 the following membership categories:

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

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. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by email from standards@scte.org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

ASC Z133 – Safety in Tree Trimming Operations

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee Z133, Safety in Tree Trimming Operations, has been administratively approved under the ASC's recently revised operating procedures for documenting consensus on ASC Z133-sponsored American National Standards, effective August 7, 2012. For additional information, please contact the Secretariat of ASC Z133: Ms. Sharon Lilly, Director of Educational Goods and Services, International Society of Arboriculture, P.O. Box 3129, Champaign, IL 61826-3129; phone: 217.355.9411, ext. 209; E-mail: slilly@isa-arbor.com.

Approval of Reaccreditation

Georgia Tech Energy and Environmental Institute (GTEEMC)

ANSI's Executive Standards Council has approved the reaccreditation of the Georgia Tech Energy and Environmental Institute (GTEEMC), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on GTEEMC-sponsored American National Standards, effective August 7, 2012. For additional information, please contact: Ms. Holly Grell-Lawe, GTEEMC Standards Coordinator, Energy & Sustainability Services, Enterprise Innovation Institute, Georgia Institute of Technology, 75 Fifth Street, NW, Suite 700, Atlanta, GA 30332-0640; phone: 404.558.5948; E-mail: holly.lawe@innovate.gatech.edu.

ANSI-ASQ National Accreditation Board (ANAB)

BS OHSAS 18001 Occupational Health and Safety Management Systems

Notice of Accreditation

Certification Body

UL-DQS, Inc.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for BS OHSAS 18001 Occupational Health and Safety Management Systems:

UL-DQS, Inc.
1130 W. Lake Cook Road, Suite 340
Buffalo Grove, IL 60089
Michael Caruso
Phone: 631-271-6200, ext. 22340
E-mail: michael.j.caruso@us.ul-dqs.com
Web: www.ul-dqsusa.com

ISO 50001 Energy Management Systems

Notice of Accreditation

Certification Body

UL-DQS, Inc.

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ISO 50001 Energy Management Systems:

UL-DQS, Inc.
1130 W. Lake Cook Road, Suite 340
Buffalo Grove, IL 60089
Michael Caruso
Phone: 631-271-6200, ext. 22340
E-mail: michael.j.caruso@us.ul-dqs.com
Web: www.ul-dqsusa.com

International Organization for Standardization (ISO)

ISO Proposals for a New Fields of ISO Technical Activity

Biotechnology

Comment Deadline: September 21, 2012

DIN (Germany) has submitted to ISO the attached proposal for a new field of technical activity on Biotechnology with the following scope statement:

> Standardization in the field of Biotechnology seeks internationally recognized and accepted terms and definitions, analytical and diagnostic methods, computing tools and technology for international comparability and integratability of data. The new committee would not seek to standardize academic or SME research, but would instead encourage experts of these groups to actively participate in the standardization of biotechnological products, techniques and processes.
>
> The proposed Technical Committee would hence also be responsible for the timely incorporation of innovative ideas into the standardization works of this field.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 21, 2012.

Sludge Recovery, Recycling, Treatment, and Disposal

Comment Deadline: September 21, 2012

AFNOR (France) has submitted to ISO the attached proposal for a new field of technical activity on Sludge recovery, recycling, treatment and disposal with the following scope statement:

> Standardization of the methods for characterizing, categorizing, preparing, treating, recycling and managing sludge and products from urban wastewater collection systems, night soil, storm water handling, water supply treatment plants, wastewater treatment plants for urban and similar industrial waters. It includes all sludge that may have similar environmental and/or health impacts.
>
> Standardization of measurement methods for characterizing and categorizing encompasses: sampling methods, physical, chemical and microbiological parameters analysis, preparation of sludge, physical behavior of sludge, all required for the characterization of sludge with a view to facilitate decisions on the choice of treatment procedures and of the use and disposal of sludge.
>
> Excluded: hazardous sludge from industry and dredged sludge already covered by ISO/TC 190 "Soil Quality".

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 21, 2012.

ISO Proposal for a New ISO IWA

Multiple Resource Productivity

Comment Deadline: August 17, 2012

Israel (SII) has submitted to ISO Technical Management Board (ISO/TMB) the attached proposal for a new ISO International Workshop Agreement (IWA) on Multiple Resource Productivity, with the following summary scope/rationale statement:

> Recently, in scientific and other forums, it is more and more spoken of the nexus between energy, food and water, and the need to develop assessment and analysis tools that will enable economic comparison for various infrastructure projects, create an order of priorities for governments, operational agencies and policy makers. These tools will facilitate companies and other financial institutions to adapt their products and services (including projects) accordingly, as well as to offer their products and services, gaining a competitive advantage. The proposed MRP Draft attached, presents a multi-dimensional analysis seeking to verify the contribution or utilization of each relevant resource. The aim is to develop a framework standard draft for MRP that will include but not be limited to the Water-Energy-Food / Land resources junction, models and optimization, and technologies and processes for evaluating an infrastructural project.

Anyone wishing to review the proposal for a new IWA can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 17, 2012.

Meeting Notice

AGSC (formerly AGRSS) Standards Committee Meeting

The AGSC (formerly AGRSS) Standards Committee will meet on Thursday, September 20, 2012, from 11:00 AM to 2:00 PM, during Auto Glass Week at the Kentucky International Convention Center and the Louisville Marriott Downtown in Louisville, Kentucky. For reservations or for more information, please contact Rick Church of the Auto Glass Safety Council (AGSC) at rickc@cmservices.com, or Deb Levy, co-secretariat of the meeting, at deb@glass.com.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 28 – *Petroleum products and lubricants*
ISO/TC 28/SC 7 – *Liquid biofuels*

ANSI has delegated the responsibility for the administration of the secretariats for ISO/TC 28 (Petroleum products and lubricants) and ISO/TC 28/SC 7 (Liquid biofuels) to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated secretariat for both of the aforementioned ISO committees.

ISO/TC 28 operates under the following scope:

> Standardization of terminology, classification, specifications, methods of sampling, measurement, analysis and testing for:

- Petroleum;
- Petroleum products;
- Petroleum based lubricants and hydraulic fluids;
- Non-petroleum based liquid fuels;
- Non-petroleum based lubricants and hydraulic fluids.

ANSI is seeking organizations in the U.S. that may be interested in assuming the delegated responsibility for the administration of the secretariats for ISO/TC 28 and/or ISO/TC 28/SC 7.

Additionally, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept a secretariat shall demonstrate that:
1. the affected interests have made a financial commitment for not less than three years, covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

Organizations seeking information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org by September 1, 2012. If there is no support for retaining the ISO/TC 28 secretariat and/or the ISO/TC 28/SC 7 secretariat in the United States, then ANSI will so advise the ISO Central Secretariat.

BSR/IIAR 2-201x (This is "Addendum B" of IIAR 2-2008)

The Items shown in red below reflect substantive changes to Section 10 of IIAR 2-2008. The remaining portions of the section are provided for context. You are invited to review and comment on the substantive changes shown in red below.

Section 10

Piping

10.1 The design, materials, fabrication, examination, and testing of the piping, whether fabricated in a shop or as a field erection, shall comply with ASME B31.5-2006, Refrigeration Piping [ref.4.1.2], except where noted.

10.2 Pipe, Fittings, and Flanges

10.2.1 Material

10.2.1.1 All pipe, flanges and fittings must be suitable for ammonia refrigerant at the temperature and pressure to which the component may be subjected.

10.2.1.2 No material may be used that will deteriorate because of the presence of ammonia refrigerant or lubricating oil.

10.2.1.3 Components in direct contact with ammonia shall not contain copper, brass, mercury, or alloys of these materials.

10.2.1.4 The materials referenced in Section 10.2 and subsections are the minimum allowable material specifications for ammonia system applications. Other materials shall be acceptable if the material properties are suitable for the intended duty and exceed the specifications noted.

10.2.1.5 Pipe

a. Carbon steel: ASTM A53 — Grade A or B, Type E or S [ref.4.1.3.1]
b. Carbon steel: ASTM A106 — Grade A or B [ref.4.1.3.3]
c. Stainless steel: ASTM A312 — Type 304, 304L, 316, or 316L [ref.4.1.3.9]
d. Carbon steel (low temperature): ASTM A333 — Grade 1 or 6 [ref.4.1.3.11].

ASTM A120 [ref.4.1.3.4], A53/A-120, A53 — Type F [ref. 4.1.3.1] pipe and cast iron or wrought iron pipe shall not be used for ammonia refrigeration service.

NOTE:

Carbon steel pipe, ASTM A53 [ref.4.1.3.1] or A106 [ref.4.1.3.3], may be used below –20°F if it either (1) is impact tested, or (2) meets a lower stress specification as determined through stress calculations: See ASME B31.5 — 2006, Refrigeration Piping [ref.4.1.2].

10.2.1.6 Fittings

All fittings shall match pipe schedules. Screwed fittings shall be forged or cast steel.

a. Carbon steel: ASTM A105 [ref.4.1.3.2]
b. Carbon steel: ASTM A234 [ref.4.1.3.7]
c. Stainless steel: ASTM A403 [ref.4.1.3.12]
d. Carbon steel (low temperature): ASTM A420 [ref. 4.1.3.13].

10.2.1.7 Flanges

a. Carbon steel: ASTM A105 [ref.4.1.3.2]
b. Carbon steel: ASTM A181 [ref.4.1.3.5]
c. Stainless steel: ASTM A403 [ref.4.1.3.12]
d. Carbon steel (low temperature): ASTM A707 [4.1.5].

10.2.1.8 Bolting

a. Carbon steel: ASTM A307 [ref.4.1.3.8]
b. Stainless steel: ASTM A193 [ref.4.1.3.6]
c. Alloy steel (low temperature): ASTM A320 [ref.4.1.3.10].

10.2.2 Minimum Pipe Wall Thickness

10.2.2.1 Carbon steel, welded.

a. 1½ inch and smaller — schedule 80
b. 2 inch through 6 inch — schedule 40
c. 8 inch through 12 inch — schedule 20
d. 14 inch and larger — schedule 10.

10.2.2.2 Carbon steel, threaded, shall be schedule 80 for all sizes.

10.2.2.3 Stainless steel, welded.

a. ¾ inch through 1½ inch — schedule 40
b. 2 inch and larger — schedule 10.

10.2.2.4 Stainless steel, threaded, shall be schedule 80 for all sizes.

EXCEPTION:
Stainless steel tubing and associated compression fittings.

EXAMPLE: Used for compressor lubrication lines; small bore pressure sensing lines; hydrostatic relief lines; etc.

10.2.3 The use of 1/2 inch and smaller pipe is not recommended. Where the use of 1/2 inch and smaller pipe is required in the engineering design, it shall be adequately supported and/or protected to prevent damage.

10.2.4 Pipe shall be new, clean and free of rust, scale, sand and dirt.

10.3 Refrigerant Valves

This section applies to the equipment and system design requirements for valves used in the ammonia-containing and the lubricant-containing parts of closed-circuit ammonia refrigerating systems.

EXCEPTIONS:

a. Valves within the refrigerant-containing envelope of other equipment such as slide valves in screw compressors;
b. Safety relief valves.

Refer to ANSI/IIAR 3-2005 [ref.4.2.2.1] for the manufacturing design performance requirements of ammonia refrigeration valves and strainers.

10.3.1 Valves in Equipment and System Design

10.3.1.1 Valves shall be oriented in accordance with the respective manufacturer's specification.

EXCEPTIONS:
The equipment and system design drawing(s) shall clearly show:

a. The required valve orientation in all cases where normal fluid flow through the valve is opposite to the flow direction marking.

b. The required valve spindle/stem orientation where a specific orientation is necessary for proper operation of the system.

10.3.1.2 ~~Valve gasket materials shall match valve manufacturer's specifications, be compatible with ammonia and of the thickness specified. Flange bolts shall be torque as indicated in the valve manufacturer's installation documents.~~

Valve gasket materials shall match valve manufacturer's specifications and be of the thickness specified. Flange bolts shall be tightened in accordance with 10.5.2.4.

10.3.1.3 Operating speed of control valve actuators shall be considered in the system design.

10.3.1.4 The de-energized mode of control valves shall be considered in system design.

10.3.2 Check valves installed upstream of other automatic valves have the potential to trap liquid. Provision for liquid removal, to facilitate maintenance, shall be located downstream of the check valve. See Section 11.4.

10.3.3 Strainers shall be fitted with provision for refrigerant removal to facilitate maintenance.

10.3.4 Shut-off valves used to isolate

equipment, control valves, controls or other components from other parts of the system for the purpose of maintenance or repair shall be capable of being locked out.

NOTE:
Control valves and other valves without a manually operable and lockable actuating element intended to stop flow for isolation purposes are not shut-off valves.

EXAMPLE: Solenoid valves, check valves.

10.4 Piping Hangers and Supports

10.4.1 Piping hangers and supports shall carry the weight of the piping, as well as any other anticipated loads.

EXAMPLE: refrigerant weight; insulation; frost/ice; seismic/wind loads; personnel; etc.

10.4.2 Sway bracing shall be included where necessary.

10.4.3 Threaded hot rolled steel hanger rods shall meet or exceed ASTM A575-96 [ref.4.1.3.14].

10.4.4 Anchors, their attachment point and methods shall be sufficient to bear all loads.

NOTES:
a. ASME B31.5-2006 [ref.4.1.2] provides for certain minimum dimensions for hangers to guard against mechanical damage, corrosion, etc.
b. See Appendix F (Informative) for additional information.
c. Mechanically expanded concrete attachments should not be axially loaded.

10.4.5 For piping that is insulated, supports must be designed and/or the insulation must be selected to avoid damage to the insulation from compression.

10.5 Piping Fabrication and Assembly *(new sub-section)*

Determine if there are specialized tightening requirements for valves (or flange sets) to be installed. Follow manufacturer's instructions for any valves (or flange sets) that have specialized requirements.

10.5.1 Piping joints shall be supported and in alignment such that the joint assembly does not induce distortion and stress.

10.5.2 Flanges

10.5.2.1 The mating surfaces of the gasketed joints shall be parallel, aligned and perpendicular to the pipe axis, in good condition and free of debris and corrosion.

10.5.2.2 Gaskets shall be correctly dimensioned for the flange set.

10.5.2.3 Nuts, bolts, cap screws and washers shall meet manufacturer's requirements for the application. Bolt threads shall extend completely through the mating nut.

10.5.2.4 The fasteners shall be progressively tightened in a diametrically staggered pattern.

10.5.3 Threaded Joints

(a) Thread compound used in threaded joints shall be suitable for service in an ammonia refrigerating system.

(b) Threaded joints that require seal welding shall be made up without any thread compound.

10.5~~5~~6 Pipe Marking

All piping mains, headers and branches shall be identified as to the physical state of the refrigerant (that is, vapor, liquid, etc.), the relative pressure level of the refrigerant, and the direction of flow. The identification system used shall either be one established as a standard by a recognized code or standards body or one described and documented by the facility owner.

NOTE:
See IIAR Bulletin 114 [ref.4.2.2.2].

Sustainability Assessment for Resilient Flooring

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Reason: all normative references were updated as applicable. All cross-references within the standard will be updated with this ballot but my not be shown here.

2 Normative References

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below.

Age Discrimination in Employment Act of 1967[1]

ASTM D6400-12~~04~~. *Standard Specification for Labeling of Plastics Designed to be Aerobically Composted in Municipal or Industrial Facilities* ~~*Standard Specification for Compostable Plastics*~~[2]

ASTM E648-10e1. *Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*[2]

ASTM E662-09. *Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials*[2]

ASTM F1066-04 (2010)e1. *Standard Specification for Vinyl Composition Floor Tile*[2]

ASTM F1303-04 (2009). *Standard Specification for Sheet Vinyl Floor Covering with Backing*[2]

ASTM F1344-12~~0~~. *Standard Specification for Rubber Floor Tile*[2]

ASTM F1700-04 (2010). *Standard Specification for Solid Vinyl Floor Tile*[2]

ASTM F1859-12~~0~~. *Standard Specification for Rubber Sheet Floor Covering Without Backing*[2]

ASTM F1860-12~~0~~. *Standard Specification for Rubber Sheet Floor Covering With Backing*[2]

ASTM F1861-08. *Standard Specification for Resilient Wall Base*[2]

ASTM F1913-04 (2010). *Standard Specification for Vinyl Sheet Floor Covering Without Backing*[2]

ASTM F2034-08. *Standard Specification for Sheet Linoleum Floor Covering*[2]

ASTM F2169-~~0~~12 ~~(2008)~~. *Specification for Resilient Stair Treads*[2]

ASTM F2195-07. *Standard Specification for Linoleum Floor Tile*[2]

[1] EEOC Headquarters, U.S. Equal Employment Opportunity Commission, 131 M Street, NE, Washington, DC 20507 <www.eeoc.gov>

[2] ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. <www.astm.org>

California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 8.5 Article 2, Consumer Products, Sections 94507-94517, *The California Consumer Products Regulations –Consumer Products*[3]

California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as Specification 01350)[4]

California Office of Environmental Health Hazard Assessment (OEHHA)[5]

California Proposition 65, *Safe Drinking Water and Toxic Enforcement Act of 1986*[6]

Civil Rights Act of 1991[1]

CML, Leiden University Institute of Environmental Sciences, *Chain Management by Life Cycle Assessment (CMLCA)*[7]

Code of Federal Regulations, (7CFR) Part 205, *SUBCHAPTER M* [Docket Number: TMD-00-02-FR] RIN: 0581-AA40, *National Organic Program Final Rule* [8]

EN 14565, *Specification for Resilient Floor Coverings based on Synthetic Thermoplastic Polymers*[9]

Equal Pay Act of 1963[1]

Global Reporting Initiative (GRI), *G3 Reporting Framework*[10]

ILO C29 *Forced Labour Convention*, 1930 ~~(No. 29)~~[11]

ILO C105 *Abolition of Forced Labour Convention,* 1957 ~~(No. 105)~~[11]

ILO C182 *Worst Forms of Child Labour Convention*, 1999 ~~(No. 182)~~[11]

International Agency on the Research of Cancer (IARC)[12]

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[3] California Air Resources Board 1001 I Street, P. O. Box 2815, Sacramento, CA 95812 <www.arb.ca.gov/consprod/regs/regs.htm>

[4] CalRecycle, 801 K Street, MS 19-01, Sacremento, CA 95814 <www.calrecycle.ca.gov/Greenbuilding/Specs/Section01350/>

[5] California Office of Environmental Health Hazard Assessment - Air, P.O. Box 4010, Sacramento, CCA 95812-4010, <www.oehha.ca.gov/air/chronic_rels/>

[6] California Office of Environmental Health Hazard Assessment - Proposition 65, P. O. Box 4010, Sacramento, CA 95812-4010 <www.oehha.ca.gov/prop65/prop65_list/Newlist.html>

[7] Leiden University Institute of Environmental Sciences (CML), P. O. Box 9518 2300 RA Leiden, The Netherlands <www.leidenuniv.nl/interfac/cml/ssp/index.html>

[8] U. S. Government Printing Office, Washington, DC 20402 <www.ams.usda.gov/nop/indexIE.htm>

[9] British Standards Group (BSI), 389 Chiswick High Road, London, W4 4AL, UK <www.bsi-global.com>

[10] Global Reporting Initiative, Keizersgracht 209 1016 DT Amsterdam, The Netherlands <www.globalreporting.org/Home>

[11] International Labour Office, 4 route des Morillons CH-1211 Geneva 22, Switzerland <www.ilo.org>

[12] International Agency on the Research of Cancer (IARC) IARC Monographs on the Evaluation of Carcinogenic Risks to Humans <http://monographs.iarc.fr>

ISO 14001, 2004, *Environmental management systems – Requirements with guidance for use*[13]

ISO 14021, 1999, *Environmental labels and declarations – Self-declared environmental claims (Type II environmental labeling)*[13]

ISO 14040, 2006, *Environmental management – Life cycle assessment – Principles and framework*[13]

ISO/TR 14047:2012~~2003~~, *Environmental management – Life cycle assessment* – Examples of application of ISO 14042[13]

ISO/TR 14049:2000, *Environmental management – Life cycle assessment* – Examples of application of ISO 14041 to goal and scope definition and inventory analysis[13]

ISO 14064:1, 2006, *Greenhouse gases – Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*[13]

ISO 14064:2, 2006(E), *Greenhouse gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements*[13]

ISO 14064:3, 2006, *Greenhouse gases – Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*[13]

ISO/IEC DIS 17065, *Conformity assessment – Requirements for bodies certifying products, processes and services*[13]

~~MOEA~~, Minnesota Pollution Control Agency ~~Office of Environmental Assistance~~, *Design for the Environment ToolKit*[14]

National Institute of Standards and Technology (NIST) *Building for Environmental and Economic Sustainability (BEES)* software[15]

National Toxicology Program (NTP) *Report on Carcinogens*[16]

Occupational Health and Safety Administration (OSHA)[17]

Rehabilitation Act of 1973[1]

SA8000, *Social Accountability SA8000*[18]

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[13] International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva 20, Switzerland <www.iso.org~~ch/iso/en/ISOOnline.frontpage~~>

[14] Minnesota Pollution Control Agency, 520 Lafayette Road, St. Paul, MN 55155-4194 <www.pca.state.mn.us/~~oea/publications/dfetoolkit.pdf~~>

[15] Building and Fire Research Laboratory NIST, 100 Bureau Drive, Stop 8600, Gaithersburg, MD 20899-8600 <www.bfrl.nist.gov/oae/software/bees.html>

[16] National Toxicology Program (NTP) Report on Carcinogens, P.O. Box 12233, MD K2-14, Research Triangle Park, NC USA 27709 <http://ntp.niehs.nih.gov>

[17]Occupational Health and Safety Administration (OSHA), U.S. Department of Labor Occupational Safety & Health Administration, 200 Constitution Avenue, Washington, D.C. 20210 <www.osha.gov>

South Coast Air Quality Management District Rule 1168, *Adhesive and Sealant Applications*[19]

South Coast Air Quality Management District Rule 1113, *Architectural Coatings*[20]

Titles I and V of the Americans with Disabilities Act of 1990 (ADA)[1]

Title VII of the Civil Rights Act of 1964[1]

United Nations Framework Convention on Climate Change, *Kyoto protocol*[21]

United States Environmental Protection Agency (USEPA) *Comprehensive Environmental Response, Compensation, and Liability Act* (CERCLA)[22]

United States Environmental Protection Agency (USEPA) *Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts (TRACI)*[23]

United States Environmental Protection Agency (USEPA) *Toxics Release Inventory (TRI) Program*[24]

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5.2.2 Life cycle assessment (LCA) or Design for Environment (DfE) assessment

By demonstrating that one of the following actions below was completed within the past three years relative to the product(s) undergoing assessment, the manufacturer shall receive points as detailed below. A maximum of three points shall be awarded for 5.2.2.

The manufacturer shall receive one point if it completes a DfE (or equivalent) assessment.[14]

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[18] Social Accountability International, 220 East 23rd Street, Suite 605, New York, NY 10010 <www.sa8000.org>

[19] South Coast Air Quality Management District – Regulation 1168, 21865 Copley Dr, Diamond Bar, CA 91765 <www.aqmd.gov/rules/reg/reg11/r1168.pdf>

[20] South Coast Air Quality Management District – Regulation 1113, 21865 Copley Dr, Diamond Bar, CA 91765; <www.aqmd.gov/rules/reg/reg11/r1113.pdf>

[21] United Nations Framework Convention on Climate Change, P. O. Box 260124 D-53153, Bonn, Germany <http://unfccc.int>

[22] U. S. Environmental Protection Agency, Office of Emergency Management, Ariel Rios Building (5104A), 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460, <http://www.epa.gov/oem/content/hazsubs/cercsubs.htm~~osweroe1/content/hazsubs/cercsubs.htm~~>

[23] U. S. Environmental Protection Agency, PA Office of Research and Development National Risk Management Research Laboratory, Sustainable Technology Division – Systems Analysis Branch (MS-466), 26 West Martin Luther King Drive, Cincinnati, OH 45268 <www.epa.gov/nrmrl/std/~~sab~~traci/traci.html>

[24] U. S. Environmental Protection Agency, National Center for Environmental Assessment, Office of Research and Development, Washington, DC 20460 <www.epa.gov/triinter/lawsandregs/pbt/pbtrule.htm>

Reason: These changes were discussed at the Joint Committee meeting in 2010 and motioned to ballot.

6.6 Protection of air resources

The criteria in this section are intended to minimize or eliminate the production and release of greenhouse gases and of known PBT air contaminants.

6.6.1 Greenhouse gas **(GHG) inventory** ~~**loadings**~~

The manufacturer shall receive two points for completing a greenhouse gas inventory ~~for product(s)~~ that includes manufacturing operations in accordance with ISO 14064[13] or an equivalent standard. Initial year for the GHG inventory shall be 2000 or later.

6.6.2 Greenhouse gas reduction goals

The manufacturer shall receive one point for establishing greenhouse gas reduction targets equal to an average of 1% per year consistent with the baseline year selected in 6.6.1. ~~5% reduction using 2000 as the baseline year~~.

6.6.3 Greenhouse gas reductions **(not offsets)**

~~The manufacturer shall demonstrate their own reduction in greenhouse gas loadings on a per unit production basis.~~
The manufacturer shall demonstrate a reduction in GHG inventory on a per unit production basis. Consistent boundaries shall be used for the current and baseline years. The baseline year shall be consistent with baseline year selected in 6.6.1.

~~NOTE – Consistent scope of production shall be reflected, and the initial year of calculation shall be 2000 or later.~~

The manufacturer shall receive one point for each 10% reduction. A maximum of three points will be awarded for 6.6.3.

6.6.4 PBT reductions

The manufacturer shall demonstrate that emissions of PBT compounds are below reporting levels as defined under the *CERCLA RQ*[22]. The manufacturer shall receive one point for achieving this goal in relation to emissions from its on-site activities, and/or one point for achieving the goal in relation to emissions from its supplied electricity source/s, for a maximum of two total points.

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BSR/UL 48, Standard for Electric Signs

1. Revision of Tables 4.2 and 4.3 to re-establish minimum metal thickness values.

Table 4.2
Minimum thickness of uncoated and zinc coated steel

Specific construction		Uncoated steel				Zinc coated or galvanized steel			
		Unreinforced		Reinforced		Unreinforced		Reinforced	
		mm	(in)	mm	(in)	mm	(in)	mm	(in)
At opening for conduit connection		0.66	0.026	0.66	0.026	0.74	0.029	0.74	0.029
Length not more than 38 cm (15 in)	No electrical component support	0.41	0.016	0.33	0.013	0.48	0.019	0.41	0.016
	Electrical component support	0.41	0.016	0.41	0.016	0.48	0.019	0.48	0.019
Length more than 38 cm (15 in) and less than 66 cm (26 in)	No electrical component support	0.41	0.016	0.33	0.013	0.48	0.019	0.48	0.019
	Electrical component support	0.51	0.020	0.41	0.016	0.58	0.023	0.48	0.019
Length 66 cm (26 in) and greater~~less than 122 cm (48 in)~~	No electrical component support	0.51	0.020	0.41	0.016	0.58	0.023	0.48	0.019
	Electrical component support	0.66	0.026	0.51	0.020	0.74	0.029	0.58	0.023
~~Length 122 cm (48 in) and less than 152.4 cm (60 in)~~	~~No electrical component support~~	~~0.81~~	~~0.032~~	~~0.66~~	~~0.026~~	~~0.84~~	~~0.035~~	~~0.74~~	~~0.029~~
	~~Electrical component support~~	~~1.07~~	~~0.042~~	~~0.81~~	~~0.032~~	~~1.07~~	~~0.042~~	~~0.81~~	~~0.032~~
~~Length 152.4 cm (60 in) and less than 185.4 cm (73 in)~~	~~No electrical component support~~	~~1.07~~	~~0.042~~	~~0.81~~	~~0.032~~	~~1.07~~	~~0.042~~	~~0.81~~	~~0.032~~
	~~Electrical component support~~	~~1.35~~	~~0.053~~	~~1.07~~	~~0.042~~	~~1.42~~	~~0.056~~	~~1.14~~	~~0.045~~
~~Length 185.4 cm (73 in) or more~~	~~With or without electrical component support~~	~~1.52~~	~~0.060~~	~~1.35~~	~~0.053~~	~~1.6~~	~~0.063~~	~~1.42~~	~~0.056~~

1) Length - the longest straight line that can be drawn on any unsupported section of an enclosure. The longest straight line is measured in any direction regardless of the shape of the enclosure section in any direction. The longest straight line for an enclosure section that is frame supported in accordance with 4.1.2.2.1.6 and 4.1.2.2.1.7 is measured in any direction on the enclosure panel between the frame supporting members.
2) Length and Frame supported - A section of an enclosure secured to framing members not integral to the enclosure panel in accordance with 4.1.2.2.1.6 and 4.1.2.2.1.7.
3) Unreinforced - A section of an enclosure as described in 4.1.2.2.1.3 or that does not comply with the requirements in 4.1.2.2.1.2 and 4.1.2.2.1.4 for being a reinforced enclosure section.
4) Reinforced - A section of an enclosure that is provided with curves, ribs, breaks or flanged surfaces in accordance with 4.1.2.2.1.2 and 4.1.2.2.1.4.
5) No electrical component support - the minimum thickness required when no electrically components are secured to and supported by the enclosure surface.

Table 4.3
Minimum thickness of aluminum, copper, or brass enclosures

Specific construction		Copper, brass, aluminum sheet and extruded aluminum			
		Unreinforced		Reinforced	
		mm	(in)	mm	(in)
At opening for conduit connection		0.81	0.032	0.81	0.032
Length not more than 38 cm (15 in)	No electrical component support	0.51	0.020	0.51	0.020
	Electrical component support	0.51	0.020	0.51	0.020
Length more than 38 cm (15 in) and less than 66 cm (26 in)	No electrical component support	0.51	0.020	0.51	0.020
	Electrical component support	0.64	0.025	0.51	0.020
Length 66 cm (26 in) and greater~~less than 122 cm (48 in)~~	No electrical component support	0.56	0.022	0.51	0.020
	Electrical component support	0.71	0.028	0.56	0.022
~~Length 122 cm (48 in) and less than 152 cm (60 in)~~	~~No electrical component support~~	~~0.91~~	~~0.036~~	~~0.71~~	~~0.028~~
	~~Electrical component support~~	~~1.47~~	~~0.045~~	~~0.91~~	~~0.036~~
~~Length 152 cm (60 in) and less than 185 cm (73 in)~~	~~No electrical component support~~	~~1.47~~	~~0.045~~	~~0.91~~	~~0.036~~
	~~Electrical component support~~	~~1.91~~	~~0.075~~	~~1.47~~	~~0.045~~
~~Length 185 cm (73 in) or more~~	~~With or without electrical component support~~	~~2.41~~	~~0.095~~	~~1.91~~	~~0.075~~

1) Length - the longest straight line that can be drawn on any unsupported section of an enclosure. The longest straight line is measured in any direction regardless of the shape of the enclosure section in any direction. The longest straight line for an enclosure section that is frame supported in accordance with 4.1.2.2.1.6 and 4.1.2.2.1.7 is measured in any direction on the enclosure panel between the frame supporting members.
2) Length and Frame supported - A section of an enclosure secured to framing members not integral to the enclosure panel in accordance with 4.1.2.2.1.6 and 4.1.2.2.1.7.
3) Unreinforced - A section of an enclosure as described in 4.1.2.2.1.3 or that does not comply with the requirements in 4.1.2.2.1.2 and 4.1.2.2.1.4 for being a reinforced enclosure section.
4) Reinforced - A section of an enclosure that is provided with curves, ribs, breaks or flanged surfaces in accordance with 4.1.2.2.1.2 and 4.1.2.2.1.4.
5) No electrical component support - the minimum thickness required when no electrically components are secured to and supported by the enclosure surface.

2. Revision of requirements in 4.1.5.3.1 for screws secured to sheet metal.

4.1.5.3.1 Screws used to secure sign parts ~~relied upon to hold materials~~ to polymeric materials or to sheet aluminum, copper, or aluminum- or copper-base alloys of less than 1.27-mm (0.050-in) thickness shall be tightened in accordance with fastener manufacturers securement and/or torque recommendations such that they do not strip or pull out. ~~comply with 5.20, Self-threading Screw Torque Test.~~

3. Revision of requirements in 4.1.5.3.3 for self-drilling thread cutting and thread forming screws and addition of 4.1.5.3.4.

4.1.5.3.3 Except as noted in 4.1.5.3.4, ~~S~~self-drilling thread cutting and thread-forming screws shall not be used to secure a door, cover, or component, or be utilized as a terminal type screw that will be removed or replaced during field servicing ~~or as a result of servicing~~.

4.1.5.3.4 Self-drilling thread cutting and thread forming screws are not prohibited from use in signs to secure panels, covers, sign or channel letter faces, or components if they are not likely to be removed or replaced during user servicing or routine maintenance such as lamp replacement.

4. Clarification of the minimum wire size requirements for internal connection to a branch circuit conductor in 4.2.5.2.1.

4.2.5.2.1.5 Leads provided for splice connection to branch-circuit wiring shall be:

a) At least 152 mm (6 inch) in length;

b) At least 18 AWG (0.82 mm^2) when intended for splicing to a branch circuit conductor inside the sign or junction box integral to or attached to the sign;

~~b~~c) At least 12 AWG (3.3 mm^2) when intended for external or remote connection to branch circuits up to 20 A and at least 10 AWG (5.3 mm^2) when intended for external or remote connection to branch circuits rated 30 A that are permitted for neon signs ~~rated 30 A~~; and

~~c~~d) Rated at least 600 Vac.

5. Revision of 5.9.1 to remove specifications for the container holding the test water.

5.9.1 Except as noted in 5.9.2, the sign to be tested shall be positioned as intended in service and 1 gallon (3.8 L) of water is to be poured ~~continuously from a container with a spout that has a minimum disk diameter of 7.6 cm (3 in). The disk shall have a minimum of fifty 2-mm (0.079-in) diameter holes. One gallon of water is to be poured~~ in a continuous stream on or over each part of the sign that permits the entrance of water, such as openings at the back of the sign for drainage, openings for ventilation, mounting straps, seams, or joints. At the conclusion of the test, the exterior of the sign is to be wiped dry and the interior examined for compliance with 5.9.3.

BSR/UL 797, Standard for Electrical Metallic Tubing – Steel

Proposal: Addition of Date Code Marking Requirements for Tubing

(NEW)

7.8 In the United States and Mexico, each master bundle tag for tubing, see Annex F, or carton/package for elbows shall have a distinctive marking that indicates the date or other dating period of manufacture not exceeding any three consecutive months. For an elbow or bend, the date of manufacture shall be the date that:

a) The tube is made and the bending occurs at the same location, or

b) The elbow or bend was formed, when the tubing is made at a different location.

In Canada, this requirement does not apply.

(NEW)

7.9 In the United States and Mexico, the date of manufacture may be abbreviated in a nationally accepted conventional code or in a code affirmed by the manufacturer if the code does not:

a) Repeat in less than 20 years, and

b) Require reference to the production records of the manufacturer to determine when the product was manufactured.

In Canada, this requirement does not apply.

(NEW)

Annex F (informative)

F.1 Master Bundle Quantity

(See Clauses 7.8 and 7.9)

This applies for the United States and Mexico only.

In Canada, this does not apply.

Table F1

Master bundle quantity - 10-foot (3.05-m) lengths

Trade size	(Metric designator)	Pieces	Feet	(Meters)	Nominal Wt/Lbs	(Wt/kg)
1/2	16	700	7000	2133.6	2100	948.0
3/4	21	500	5000	1524	2300	1037.8
1	27	300	3000	914.4	2010	916.3
1-1/4	35	200	2000	609.6	2020	911.7
1-1/2	41	150	1500	457.2	1740	789.2
2	53	120	1200	365.8	1776	807.4
2-1/2	63	61	610	185.9	1318	598.7
3	78	51	510	155.4	1341	607.8
3-1/2	91	37	370	112.8	1291	585.1
4	103	30	300	91.4	1179	535.2

BSR/UL 1254, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing Systems Units

1. Flexible nonmetallic hose assemblies for distribution of agent

21.1 Flexible hose assemblies used for distribution of agent shall be constructed with metallic hose having resistance to corrosion equivalent to or exceeding that of bronze or Series 300 stainless steel, ~~or~~ constructed with rubber hose incorporating a metallic reinforcement, or constructed with polytetrafluoroethylene hose incorporating a metallic or nonmetallic reinforcement..

Exception: Flexible rubber hose assemblies are not required to incorporate a metallic reinforcement when they are 5 feet (1.52 m) or less in length and used only for connecting the cylinder valve to the distribution piping.

21.5 Flexible nonmetallic (i.e., rubber or polytetrafluoroethylene) hose assemblies used for distribution of agent shall comply with representative Flow Distribution Tests, Section 32, and the Hydrostatic Pressure Test, Section 33 following the Fire Exposure Test, Section 40B.

Exception: Flexible nonmetallic hose assemblies are not required to be evaluated for fire exposure when they are 5 feet (1.52 m) or less in length and used only for connecting the cylinder valve to the distribution piping.

40B Flexible Hose Assembly Fire Exposure Test

40B.1 A flexible nonmetallic hose assembly as described in Section 21.5 shall operate as intended following the effects of fire exposure.

40B.2 The flexible hose assembly is to be installed in a "U" configuration such that the bottommost portion of the hose is centered 36 ±1/2 inch above the bottom of the pan.

40B.3 The pan is to be square with inside length and width dimensions at least 482 mm providing an area of at least 0.23 m^2 (2-1/2 ft^2) and an inside depth of at least 102 mm (4 inch). The pan is to be constructed of steel with a minimum wall thickness of 6.4 mm (1/4 inch), with liquid-tight welded joints and provided with a nominal 38 by 38 mm (1-1/2 by 1-1/2 inch) angle approximately 4.8 mm (3/16 inch) thick, to reinforce the upper edge. The reinforcing angle is to be continuous around the perimeter of the pan and is to form a turned-out edge flush with the top edge of the pan. The top edge surface so formed is to be approximately 44 mm (1-3/4 inch) in width. The reinforcing angle is to be

continuously welded to the outside of the pan at the top edge and tack-welded at the edge of the lower leg of the angle.

40B.4 At least 1 inch of heptane is to be placed in the pan, ignited and burn freely for at least 120 seconds.

40B.5 Following fire exposure, the flexible hose assemblies shall be subjected to at least one representative test in accordance with Flow Distribution Tests, Section 32 and the Hydrostatic Pressure Test, Section 33.