## Contents

### American National Standards

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call for Comment on Standards Proposals</td>
<td>2</td>
</tr>
<tr>
<td>Call for Comment Contact Information</td>
<td>14</td>
</tr>
<tr>
<td>Call for Members (ANS Consensus Bodies)</td>
<td>16</td>
</tr>
<tr>
<td>Final Actions</td>
<td>17</td>
</tr>
<tr>
<td>Project Initiation Notification System (PINS)</td>
<td>19</td>
</tr>
</tbody>
</table>

### International Standards

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO Draft Standards</td>
<td>22</td>
</tr>
<tr>
<td>ISO and IEC Newly Published Standards</td>
<td>23</td>
</tr>
<tr>
<td>Proposed Foreign Government Regulations</td>
<td>24</td>
</tr>
<tr>
<td>Information Concerning</td>
<td>25</td>
</tr>
</tbody>
</table>

## American National Standards

### Call for comment on proposals listed

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

### Ordering Instructions for “Call-for-Comment” Listings

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

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

- Standard for consumer products
Comment Deadline: May 4, 2008

IIAR (International Institute of Ammonia Refrigeration)

Revisions

Applies only to closed-circuit refrigerating systems utilizing ammonia as the refrigerant. This standard was written as a guide to the design, manufacture and installation of closed-circuit ammonia refrigerating systems in industrial occupancies and is not intended to supplant existing safety codes.

Send comments (with copy to BSR) to: Kirsten McNeil, IIAR; kirsten_mcneil@iiar.org

Comment Deadline: May 19, 2008

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmations

Describes a procedure for assessing the potential of medical devices and their constituent materials to produce irritation and delayed-type hypersensitivity. Includes pretest considerations, details of the test procedures, and key factors for the interpretation of the results.

Single copy price: Print or PDF: $50.00 (AAMI members), $95.00 (list)
Obtain an electronic copy from:
http://marketplace.aami.org/eseries/ScriptContent/Index.cfm
Order from: AAMI Customer Service; 1-877-249-8226
Send comments (with copy to BSR) to: Sonia Balboni, AAMI; sbalboni@aami.org

Provides Amendment 1 to ANSI/AAMI BE78: 2002.

Single copy price: Free


Order from: AAMI Customer Service; 1-877-249-8226

Send comments (with copy to BSR) to: Sonia Balboni, AAMI; sbalboni@aami.org

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions


Provides fire propagation hazard risk assessment criteria for equipment assemblies used in telecommunications network equipment environments.

Single copy price: $130.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

NALFA (North American Laminate Flooring Association)

Revisions


Provides rules and guidelines for the in-service inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure relief valves.

Single copy price: N/A

Obtain an electronic copy from: rhoug@nationalboard.org

Order from: Robin Hough, NBBPVI; rhoug@nationalboard.org

Send comments (with copy to BSR) to: Same

HPS (ASC N13) (Health Physics Society)

New Standards


Provides guidance for performing characterizations of land areas and structures in support of decommissioning. The scope of this standard is geared toward radiological characterization. However, if nonradiological contaminants are potentially present, it is beneficial to integrate radiological and nonradiological characterization activities.

Single copy price: $15.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, HPS (ASC N13); njohnson@burkinc.com

Send comments (with copy to BSR) to: Same

NALFA (North American Laminate Flooring Association)

Revisions


Provides the performance of residential and commercial use laminate flooring. The standard will be useful in guiding manufacturers and educating suppliers and consumers about the minimum performance of laminate flooring in residential, light commercial, commercial and heavy commercial use settings.

Single copy price: $12.00 (BHMA Members)/$24.00 (Non-Members)

Obtain an electronic copy from: mtierny@kellencompany.com

Order from: David Goch, NALFA; dgoch@wc-b.com

Send comments (with copy to BSR) to: Same

BPVSI (National Board of Boiler and Pressure Vessel Inspectors)

Addenda


Provides rules and guidelines for the in-service inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure relief valves.

Single copy price: N/A

Obtain an electronic copy from: rhoug@nationalboard.org

Order from: Robin Hough, NBBPVI; rhoug@nationalboard.org

Send comments (with copy to BSR) to: Same

HL7 (Health Level Seven)

Reaffirmations


This standard will be 5 years old in June 2008. HL7 wishes to reaffirm this standard.

Single copy price: $50.00

Obtain an electronic copy from: KarenVan@HL7.org

Order from: Karen Van Hentenryck, HL7; karenvan@HL7.org

Send comments (with copy to BSR) to: Same

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Reaffirmations

BSR CGATS.7-2003 (R200x), Graphic technology - Pallet loading for printed materials (reaffirmation of ANSI CGATS.7-2003)

Specifies the stacking, unitizing, protection and labeling of palletized printed materials. It also specifies the functional design of pallets used to transport printed materials and gives specifications for their loading onto delivery vehicles.

Single copy price: $20.00

Obtain an electronic copy from: mabbott@npes.org

Order from: Mary Abbott, NPES (ASC CGATS); mabbott@npes.org

Send comments (with copy to BSR) to: Same
BSR/NSF 4-200x, Specification for 75 ohm, Inline Attenuators (new standard)
Provides the mechanical, electrical and environmental requirements for 75-ohm "F"-type inline attenuators generally used for indoor applications. This specification in no way should limit or restrict any manufacturers from innovative designs and product improvements.
Single copy price: $50.00
Obtain an electronic copy from: Standards@scte.org
Order from: Global Engineering Documents; www.scte.org
Send comments (with copy to BSR) to: Stephen Oksala, SCTE; soksala@scte.org

Provides an updated set of flexible guidelines that shows designers and contractors how to determine the correct restraints for sheet metal ducts, piping and conduit, so that they are more likely to remain attached to the building during an earthquake. The manual shows how very low- and very high-risk areas of the country can be accommodated. Meets California Building Code, Title 24, Part 2 and International Building Code, 2006 for bracing ductwork, piping and conduit.
Single copy price: Free
Obtain an electronic copy from: sbaker@smacna.org
Send comments (with copy to BSR) to: Peyton Collie, SMACNA; pcollie@smacna.org
**TIA (Telecommunications Industry Association)**

**New National Adoptions**


Provides procedures for calibrating single-mode optical time domain reflectometers (OTDR). It only covers OTDR measurement errors and uncertainties

Single copy price: $55.00

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org


Applies to instruments measuring radiant power emitted from sources that are typical for the fibre-optic communications industry. These sources include laser diodes, light emitting diodes (LEDs), and fibre-type sources. The radiation may be divergent or collimated. The standard describes the calibration of power meters to be performed by calibration laboratories or by power meter manufacturers.

Single copy price: $57.00

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

**Revisions**


Provides definitions, methods of measurement, and performance standards for radio equipment used in the Private (Dispatch) Land Mobile Services that employ C4FM or CQPSK modulation, for transmission and reception of voice or data using digital techniques, with or without encryption, with a frequency of 1 GHz or less.

Single copy price: $239.00

Obtain an electronic copy from: TIA

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

Send comments (with copy to BSR) to: Ronda Coulter, TIA; rcoulter@tiaonline.org


Provides standard procedures for the calibration of optical fibre chromatic dispersion (CD) test sets. It also provides procedures to perform calibration checking on CD test sets whereby an extension to the test set calibration period may be obtained.

Single copy price: $62.00

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

**UAMA (ASC B74) (Unified Abrasive Manufacturers' Association)**

**Reaffirmations**

BSR B74.11-1993 (R200x), Specifications for Tumbling Chip Abrasives (reaffirmation of ANSI B74.11-1993 (R2003))

Applies to random-shaped tumbling chips commonly used in tumbling or vibratory barrels for the finishing of a variety of parts.

Single copy price: $14.00

Obtain an electronic copy from: sab@wherryassoc.com

Order from: Sharyn Berki, UAMA (ASC B74); sab@wherryassoc.com

Send comments (with copy to BSR) to: J. Jeffrey Wherry, UAMA (ASC B74); jw@wherryassoc.com; djh@wherryassoc.com

**UL (Underwriters Laboratories, Inc.)**

**New Standards**

BSR/UL 19-200x, Standard for Safety for Lined Fire Hose and Hose Assemblies (new standard)

Covers single- and multiple-jacketed lined fire hose, with or without couplings attached, in the trade sizes of 1-1/2, 1-3/4, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6 inch (38, 45, 51, 65, 76, 89, 102, 127, and 152 mm) nominal ID. Single-jacketed hose is intended for service test pressures of 150, 200, or 250 psig (1035, 1380, or 1725 kPa). Multiple-jacketed hose or covered hose judged equivalent to multiple-jacketed hose is intended for service test pressures of 200, 300, or 400 psig (1380, 2070, or 2760 kPa).

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Jeffrey Prusko, UL-IL; Jeffrey.Prusko@us.ul.com

BSR/UL 219-200x, Standard for Safety for Lined Fire Hose for Interior Standpipes (new standard)

Covers lined interior standpipe fire hose in the 1-1/2 and 2-1/2 inch sizes that is intended:

(a) For fire-protection purposes only;

(b) For use with inside standpipes installed in accordance with the Standard for the Installation of Standpipe and Hose Systems, NFPA 14; and

(c) For use on hose racks and reels and in cabinets where the specific combination of hose and rack, reel, or cabinet has been investigated and found acceptable.

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Jeffrey Prusko, UL-IL; Jeffrey.Prusko@us.ul.com

BSR/UL 1004-1-200x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 4-4-08) (new standard)

Provides revisions to the UL 1004-1 proposed first edition, dated

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com

BSR/UL 1004-3-200x, Standard for Safety for Thermally Protected Motors (Proposal dated 4-4-08) (new standard)

Provides revisions to the UL 1004-3 proposed first edition, dated

Single copy price: Contact comm2000 for pricing and delivery options


Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com
BSR/UL 1004-4 -200x, Standard for Safety for Electric Generators (Proposal dated 4-4-08) (new standard)
Provides revisions to the UL 1004-4 proposed first edition, dated
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Jonette Herman, UL-NC; Jonette.A.Herman@us.ul.com

Revisions

BSR/UL 153-200x, Portable Electric Luminaires (revision of ANSI/UL 153-2005)
The following topics are being recirculated:
(7) Addition of GU24 holder and self-ballasted lamp requirements;
(11) Revision of requirements for accessible uninsulated Class 2 circuits;
(25) Revision of 1.7 to add examples of products that are covered by UL 962 rather than UL 153; and
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Megan Van Heirseele, UL-IL; Megan.M.VanHeirseele@us.ul.com
BSR/UL 723-200x, Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2005)
Covers:
(1) Update the current brick specifications;
(2) Remove the requirement for a chart recorder;
(3) Clarify sample conditioning;
(4) Add the preparation and mounting of test specimens in accordance with ASTM practices and delete redundant requirements;
(5) Clarify percent obscuration on the red oak smoke density figure;
(6) Add the moisture meter as an alternate means of determining red oak moisture content;
(7) Add details for calibration frequency;
(8) Clarify photocell output recording;
(9) Remove requirements for a chart recorder and the plotting of temperature; and
(10) Remove requirements for a chart recorder and allowance for soot accumulation on the photocell.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Barbara Davis, UL-CA; Barbara.J.Davis@us.ul.com

BSR/UL 1261-2004 (R200x), Electric Water Heaters for Pools and Tubs (reaffirmation of ANSI/UL 1261-2004)
Covers permanently installed electric water heaters, rated 600 volts or less, for heating water supplied through plumbing to separately heated public or private pools or tubs, in which swimming, wading, bathing, or partial or total immersion of persons, may be involved. This equipment is intended for installation in accordance with the National Electrical Code, NFPA 70. These requirements do not cover household storage tank water heaters.
Single copy price: Contact comm2000 for pricing and delivery options
Order from: comm2000
Send comments (with copy to BSR) to: Barbara Davis, UL-CA; Barbara.J.Davis@us.ul.com

VITA (VMEbus International Trade Association (VITA))
New Standards
BSR/VITA 51.0-200x, Reliability Prediction (new standard)
Provides an electronics failure-rate-prediction methodology and self-assessment standard.
Single copy price: Free
Obtain an electronic copy from: techdir@vita.com
Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com
BSR/VITA 51.1-200x, Reliability Prediction MIL-HDBK 217 Subsidiary Specification (new standard)
Single copy price: Free
Obtain an electronic copy from: techdir@vita.com
Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com
BSR/VITA 57.1-200x, FPGA Mezzanine Card (FMC) Standard (new standard)
Creates an I/O mezzanine module, which works intimately with an FPGA processing device.
Single copy price: Free
Obtain an electronic copy from: techdir@vita.com
Send comments (with copy to BSR) to: John Rynearson, VITA; techdir@vita.com
BSR/ASME B18.3.4M-1986 (R200x), Hexagon Socket Button Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.4M-1986 (R2002))

Contains the complete general and dimensional requirements for Metric Series Hexagon Socket Button Head Cap Screws of nominal sizes from 3 mm to 16 mm recognized as an American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.5M-1986 (R200x), Hexagon Socket Flat Countersunk Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.5M-1986 (R2002))

Contains complete general and dimensional requirements for Metric Series Hexagon Socket Flat Countersunk Head Cap Screws of nominal sizes from 3 mm to 20 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.6M-1986 (R200x), Metric Series Socket Set Screws (reaffirmation of ANSI/ASME B18.3.6M-1986 (R2002))

Contains complete general and dimensional requirements for metric series socket set screws of nominal sizes from 1.6 mm to 24 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.2M-1979 (R200x), Metric Series Hexagon Keys and Bits (reaffirmation of ANSI/ASME B18.3.2M-1979 (R2003))

Contains the complete dimensional, mechanical and performance requirements for Metric Series Hexagon Keys and Bits of nominal sizes from 0.7 mm to 36 mm recognized as American National Standard. They are primarily intended to be used for tightening and loosening metric series spline socket head cap screws but may also be suitable for use on other products having metric hexagon socket wrenching provisions.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.3M-1986 (R200x), Hexagon Socket Head Shoulder Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.3M-1986 (R2002))

Contains complete dimensional, mechanical, and performance requirements for Metric Series Hexagon Socket Head Shoulder Screws with nominal shoulder diameters from 6.5 mm to 25 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

Comment Deadline: June 3, 2008
Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

ASME (American Society of Mechanical Engineers)

Reaffirmations


Covers complete general and dimensional data for various types of hexagon and spline (fluted) socket cap screws, shoulders screws, set screws, and hexagon and spline keys recognized as an American National Standard.

Single copy price: $60.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.1M-1986 (R200x), Socket Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.1M-1986 (R2002))

Contains complete general and dimensional data for metric series hexagon socket head cap screws in sizes from 1.6 mm to 48 mm and for metric series spline socket head cap screws in sizes from 1.6 mm to 8 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.2M-1979 (R200x), Metric Series Hexagon Keys and Bits (reaffirmation of ANSI/ASME B18.3.2M-1979 (R2003))

Contains the complete dimensional, mechanical and performance requirements for Metric Series Hexagon Keys and Bits of nominal sizes from 0.7 mm to 36 mm recognized as American National Standard. They are primarily intended to be used for tightening and loosening metric series spline socket head cap screws but may also be suitable for use on other products having metric hexagon socket wrenching provisions.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.3M-1986 (R200x), Hexagon Socket Button Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.3M-1986 (R2002))

Contains complete general and dimensional data for various types of hexagon and spline (fluted) socket cap screws, shoulders screws, set screws, and hexagon and spline keys recognized as an American National Standard.

Single copy price: $60.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.4M-1986 (R200x), Hexagon Socket Button Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.4M-1986 (R2002))

Contains the complete general and dimensional requirements for Metric Series Hexagon Socket Button Head Cap Screws of nominal sizes from 3 mm to 16 mm recognized as an American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.5M-1986 (R200x), Hexagon Socket Flat Countersunk Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.5M-1986 (R2002))

Contains complete general and dimensional requirements for Metric Series Hexagon Socket Flat Countersunk Head Cap Screws of nominal sizes from 3 mm to 20 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

BSR/ASME B18.3.6M-1986 (R200x), Metric Series Socket Set Screws (reaffirmation of ANSI/ASME B18.3.6M-1986 (R2002))

Contains complete general and dimensional requirements for metric series socket set screws of nominal sizes from 1.6 mm to 24 mm recognized as American National Standard.

Single copy price: $35.00
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Order from: Mayra Santiago, ASME; ANSIBOX@asme.org
Send comments (with copy to BSR) to: Angel Guzman, ASME; guzman@asme.org

ASSE (American Society of Sanitary Engineering)

Revisions


Describes temperature-actuated mixing valves for plumbed emergency equipment, including eyewash, eye/face wash, drench showers, and combination units are intended to be installed in systems that comply with ANSI Z358.1.

Single copy price: $50.00
Obtain an electronic copy from: www.ihs.com
Order from: Elaine Matheison, ASSE (Organization); elaine@asse-plumbing.org
Send comments (with copy to BSR) to: Shannon Corcoran, ASSE (Organization); shannon@asse-plumbing.org


Provides test methods for evaluating the electrical resistance of static control garments. This document applies to all types of outer garments used for static control applications.

Single copy price: $50.00 (ESD Members); $70.00 (Non-Members)
Order from: Bridget Schneegas, EOS/ESD; bschneegas@esda.org
Send comments (with copy to BSR) to: Same
Draft Standards for Trial Use

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

Trial use period: March 27, 2008 through March 27, 2009

HL7 (Health Level Seven)

BSR/HL7 V3 GIN, R1-200x, HL7 Version 3 Standard: Patient Safety; Generic Incident Notification, Release 1 (TRIAL USE STANDARD)

Describes a generalized notification report format used for unintended, expected or unexpected incident(s) that could have or did lead to harm for one or more patients receiving health care services. This message can be implemented within a healthcare institution for localized reporting or for reporting to regional or national authorities. Anonymous reporting is allowed to protect the patient/staff’s privacy. A separate ballot document will be submitted at a later date for the Root cause and Underlying factors Message (RUM).

Single copy price: Free


Send comments (with copy to BSR) to: http://www.hl7.org/dstucomments/index.cfm

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: May 4, 2008

ISA (ISA)

ANSI/ISA TR96.05.01-2008, Partial Stroke Testing of Automated Block Valves (TECHNICAL REPORT) (technical report)

Provides guidance on the following:
- Identifying when partial stroke testing may be useful;
- Various criteria to consider when selecting the partial stroke method, e.g., automated versus manual test execution, spurious trip potential, and on-line maintainability;
- The advantages and disadvantages of three basic types of partial stroke test methods: mechanical limiting, positioners, and solenoid operated valves; and
- The use of diagnostic coverage factors in the performance calculations for an automated block valve being partial stroke tested periodically.

Single copy price: Not yet available to general public

Obtain an electronic copy from: ebeattie@isa.org

Order from: Eliana Beattie, ISA (Organization); ebeattie@isa.org

Send comments (with copy to BSR) to: Same

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

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

ANSI/SAE AIR 2000D, Aerospace Fluid System Standards, Metric, National and International

ANSI/SAE J19-AUG97, Latex-Dipped Goods and Coatings for Automotive Applications

ANSI/SAE J20-OCT97, Coolant System Hoses

ANSI/SAE J30-JUN98, Fuel and Oil Hoses

ANSI/SAE J47-JUL98, Maximum Sound Level Potential for Motorcycles

ANSI/SAE J51-AUG98, Automotive Air Conditioning Hose

ANSI/SAE J58-MAY98, Flanged 12-Point Screw

ANSI/SAE J67-JUL98, Shovel Dipper, Clam Bucket, and Dragline Bucket Rating

ANSI/SAE J78-MAY98, Steel Self-Drilling Tapping Screws

ANSI/SAE J81-SEP97, Thread Rolling Screws

ANSI/SAE J82-MAY98, Mechanical and Quality Requirements for Machine Screws

ANSI/SAE J110-DEC97, Seals - Testing of Radial Lip

ANSI/SAE J122-MAY98, Surface Discontinuities on Nuts

ANSI/SAE J131-OCT97, Motorcycle Turn Signal Lamps

ANSI/SAE J141-JUN95, Seat Belt Hardware Performance Requirements

ANSI/SAE J174-MAY98, Torque - Tension Test Procedure for Steel Threaded Fasteners - Inch Series

ANSI/SAE J174M-MAY98, Torque - Tension Test Procedure for Steel Threaded Fasteners - Metric Series

ANSI/SAE J182-AUG97, Motor Vehicle Fiducial Marks and Three-Dimensional Reference System

ANSI/SAE J188-JAN98, Power Steering Pressure Hose - High Volumetric Expansion Type

ANSI/SAE J189-JAN98, Power Steering Return Hose - Low Pressure

ANSI/SAE J190-MAY98, Power Steering Pressure Hose-Wire Braid

ANSI/SAE J191-MAY98, Power Steering Pressure Hose - Low Volumetric Expansion Type

ANSI/SAE J200-MAR98, Classification System for Rubber Materials
Correction

Change to Scope

In the Call-for-Comment section of the March 28th issue of Standards Action, BSR/UL 325 was listed with three topics open for comment. Please note that the topic “Clarification of the Intent of the Inherent Secondary Entrapment Protection” is being withdrawn, and should no longer be considered open for comment. The following topics remain open for comment:

1. Addition of requirements for pedestrian doors for motion detectors and system approaches;
2. Deletion of dated references.
Call for Comment Contact Information

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

Order from:

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

ASSE (Organization)
American Society of Sanitary Engineering
901 Canterbury Road, Suite A
Westlake, OH 44145-1480
Phone: (440) 835-3040
Fax: (440) 835-3488
Web: www.asse-plumbing.org

ATIS
ATIS
1200 G Street NW, Ste 500
Washington, DC 20005
Phone: 202-434-8841
Fax: 202-347-7125
Web: www.atis.org

BHMA
Builders Hardware Manufacturers Association
355 Lexington Ave., 15th Floor
New York, NY 10017-5603
Phone: (212) 297-2122
Fax: (212) 370-9047
Web: www.buildershardware.com/

comm2000
1414 Brook Drive
Downers Grove, IL 60515

EOS/ESD
ESD Association
7900 Turin Road
Rome, NY 13440
Phone: 315-339-6937
Fax: 315-339-6793
Web: www.esda.org

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

HL7
Health Level Seven
3300 Washtenaw Avenue,
Suite 227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777 x104
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd,
Suite 402
McLean, VA 22101
Phone: 703-790-1745
Fax: 703-790-2672
Web: www.hps.org/hpspublications/standards.html

ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

NALFA
North American Laminate Flooring Association
1747 Pennsylvania Avenue NW
Suite 1000
Washington, DC 20006
Phone: (202) 785-9500
Fax: (202) 835-0243

NBBPVI
National Board of Boiler and Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, OH 43229-1183
Phone: (614) 888-8320
Fax: (614) 847-1828
Web: www.nationalboard.org/index.html

NPES (ASC CGATS)
ASC CGATS
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org/standards/cgats.html

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

UAMA (ASC B74)
ASC B74
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
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.

APSP (Association of Pool and Spa Professionals)
Office: 2111 Eisenhower Avenue
         Alexandria, VA 22314
Contact: Bernice Crenshaw
Phone: (703) 838-0083 x127
Fax: (703) 549-0493
E-mail: bcrenshaw@theapsp.org

BSR/APSP 8-200x, Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs (revision of ANSI/NSPI 8-2004)

BHMA (Builders Hardware Manufacturers Association)
Office: 355 Lexington Ave., 15th Floor
         New York, NY 10017-6603
Contact: Michael Tierney
Phone: (212) 297-2122
Fax: (212) 370-9047
E-mail: mtierney@kellencompany.com

BSR/BHMA A156.4-200x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2000)

SMACNA (Sheet Metal and Air-Conditioning Contractors’ National Association)
Office: 4201 Lafayette Center Drive
         Chantilly, VA 20151-1209
Contact: Peyton Collie
Phone: 703-803-2980
E-mail: pcollie@smacna.org


TIA (Telecommunications Industry Association)
Office: 2500 Wilson Blvd
         Arlington, VA 22201
Contact: Ronda Coulter
Phone: 703 907-7974
Fax: 703 907-7728
E-mail: rcoulter@tiaonline.org


UAMA (ASC B74) (Unified Abrasive Manufacturers’ Association)
Office: 30200 Detroit Road
         Cleveland, OH 44145-1967
Contact: J. Jeffrey Wherry
Phone: (440) 899-0010
Fax: (440) 892-1404
E-mail: jjw@wherryassoc.com; djh@wherryassoc.com

BSR B74.11-1993 (R2003), Specifications for Tumbling Chip Abrasives (reaffirmation of ANSI B74.11-1993 (R2003))

UL (Underwriters Laboratories, Inc.)
Office: 455 E Trimble Road
         San Jose, CA 95131-1230
Contact: Marcia Kawate
Phone: (408) 754-6500
Fax: (408) 689-6500
E-mail: Marcia.M.Kawate@us.ul.com

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.

API (American Petroleum Institute)

New National Adoptions


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

Addenda


ASME (American Society of Mechanical Engineers)

New Standards


Revisions


ATIS (Alliance for Telecommunications Industry Solutions)

New Standards


AWWA (American Water Works Association)

New Standards


Revisions


CEA (Consumer Electronics Association)

New Standards


CSA (3) (CSA America, Inc.)

Addenda


Revisions


HPS (ASC N43) (Health Physics Society)

Revisions


IEEE (Institute of Electrical and Electronics Engineers)

New Standards


Revisions


Supplements


NSF (NSF International)

Revisions


RVIA (Recreational Vehicle Industry Association)

New Standards


TIA (Telecommunications Industry Association)

Addenda

New Standards


Reaffirmations


Revisions


Supplements


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.

API (American Petroleum Institute)
Office: 1220 L Street, N.W.
Washington, DC 20005
Contact: Carriann Kuryla
Fax: (202) 962-4797
E-mail: kurylac@api.org

BSR/API RPB-1/ISO 10414-1, 4th edition-200x, Recommended Practice for Field Testing Water-Based Drilling Fluids (identical national adoption of ISO 10414-1)
Stakeholders: Users who field test water-based drilling fluids.
Project Need: To update the industry standard.
Covers equipment and standard procedures for field testing water-based drilling fluids.

BSR/API RP 13I/ISO 10416, 8th edition-200x, Recommended Practice for Laboratory Testing Drilling Fluids (identical national adoption of ISO 10416)
Stakeholders: Laboratories and testers of drilling fluids.
Project Need: To update the industry standard.
Provides procedures for the laboratory testing of both drilling fluid materials and drilling fluid physical, chemical and performance properties. It is applicable to both water-based and oil-based drilling fluids, as well as the base or "make-up" fluid.

Stakeholders: Users and manufacturers.
Project Need: To update the current Annex J to a regional annex.
Outlines the regional requirements for 6A manufacturers and users.

ASABE (American Society of Agricultural and Biological Engineers)
Office: 2950 Niles Road
St Joseph, MI 49085
Contact: Carla VanGilder
E-mail: vangilder@asabe.org

Stakeholders: All manufacturers of tractors, towed implements and bulk carrier equipment (defined by ASAE S390.4).
Project Need: To harmonize the current ASAE Standard S482 and ISO 6489-3 into one standard that can be used internationally and nationally.
Specifies the dimensional requirements and location for category 0, 1, 2, 3, 4, and 5 drawbars mounted on the rear of agricultural tractors.

APSP (Association of Pool and Spa Professionals)
Office: 2111 Eisenhower Avenue
Alexandria, VA 22314
Contact: Bernice Crenshaw
Fax: (703) 549-0493
E-mail: bcrenshaw@theapsp.org

BSR/APSP 8-200x, Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs (revision of ANSI/NSPI 8-2004)
Stakeholders: Consumers.
Project Need: To revise a national standard that addresses layers of protection for young children against the potential for drowning or near drowning in residential swimming pools and spas.
Establishes provisions that address supervision, the foremost deterrent to a young child's access to a pool, spa or hot tub and to potential accidental drowning. Additionally, in the event of a lapse in adult supervision, the standard establishes supplemental layers of protection, which include walls, fences, and structures as barriers.
Based on ISO PDCA model, provides steps necessary to prevent, prepare for, and respond to a disruptive incident, to manage and survive the event, and to take actions to ensure the organization’s resilience. The standard provides generic auditable criteria to establish, check, maintain, and improve a management system to enhance prevention, preparedness (readiness), mitigation, response and recovery from disruptive incidents. The annex provides informative guidance on system planning, implementation, testing, maintenance, and improvement.


Stakeholders: Global business community, not-for-profit organizations and foundations, educational institutions.

Project Need: To create an on-going, dynamic, and interactive process to assure continuation of an organization’s core activities before, during, and after a crisis event.

The standard provides generic auditable criteria to establish, check, maintain, and improve a management system to enhance prevention, preparedness (readiness), mitigation, response and recovery from disruptive incidents. The annex provides informative guidance on system planning, implementation, testing, maintenance, and improvement.

ATIS (Alliance for Telecommunications Industry Solutions)
Office: 1200 G Street NW, Ste 500
Washington, DC 20005
Contact: Kerrianne Conn
Fax: 202-347-7125
E-mail: kconn@atis.org

BSR ATIS 1000030-200x, End to End User Authentication and Signaling Security (new standard)

Stakeholders: Telecommunications Industry.

Project Need: To create an end-to-end authentication in a multinetwork environment.

Provides an end-to-end authentication in a multinetwork environment. These functions can be reliably performed within a single service provider’s network, when networks interconnection, existing protocols and interfaces do not adequately support these needs.

AWS (American Welding Society)
Office: 550 N.W. LeJeune Road
Miami, FL 33126
Contact: Rosalinda O’Neill
Fax: (800) 443-5951
E-mail: roneill@aws.org; adavis@aws.org


Stakeholders: Companies that are required to estimate emissions from welding operations for various purposes.

Project Need: To provide guidance on determining the necessary emission factors used to estimate emissions.

Assists companies in estimating emissions from welding processes for EPA reporting purposes by choosing the simplest applicable method and following its steps. Example calculations are included.

ESTA (Entertainment Services and Technology Association)
Office: 875 Sixth Avenue, Suite 1005
New York, NY 10001
Contact: Karl Ruling
Fax: (212) 244-1502
E-mail: standards@esta.org

BSR E1.17-200x, Entertainment Technology - Architecture for Control Networks (revision of ANSI E1.17-2006)

Stakeholders: Lighting control equipment manufacturers, specifiers, dealers, and users.

Project Need: To correct errors in the standard and to improve its functionality.

Provides a suite of documents that specifies an architecture, including protocols and language, that may be configured and combined with other standard protocols to form flexible, networked audio, lighting, or other control systems. It can be implemented on networks that support UDP, IP, and related protocols. It is not bound to Ethernet as a transport medium, but Ethernet is an obvious choice.

ISA (ISA)
Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: Eliana Beattie
Fax: (919) 549-8288
E-mail: ebeattie@isa.org

BSR/ISA 12.27.01-200x, Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids (revision of ANSI/ISA 12.27.01-2002)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide construction and performance requirements for devices that incorporate process seals to eliminate the need for the additional sealing requirements.

Provides specific requirements for process sealing between electrical systems and flammable or combustible process fluids where a failure could allow the migration of process fluids directly into the electrical system. Examples of this type of seal include diaphragm seals, thermowells, and pump seals. The requirements of this document are not meant to apply to electrical conduit and cable seals as addressed in ANSI/NFPA 70-2002, Sections 501.5(C) and 505.16(D).

NEMA (ASC C8) (National Electrical Manufacturers Association)
Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Contact: Eric Schweitzer
Fax: (703) 841-3376
E-mail: Eric.Schweitzer@NEMA.org

BSR/ICEA P-79-561-200x, Guide for Selecting Aerial Cable Messengers and Lashing Wires (new standard)

Stakeholders: Electric utilities and industrial customers who utilize suspended aerial cable.

Project Need: To address the wind and temperature values based on various loading districts as referenced by the National Electrical Safety Code, ANSI C2-2007. In addition, the maximum recommended span length tables were expanded to include cable weight up to 9.0 pounds.

Provides a guide to facilitate the selection of messengers and lashing wires for both field and factory-assembled self-supporting aerial cables.
American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

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

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

Ordering Instructions
ISO Drafts can be made available by contacting ANSI’s Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

AGRICULTURAL FOOD PRODUCTS (TC 34)
ISO/DIS 660, Animal and vegetable fats and oils - Determination of acid value and acidity - 6/28/2008, $53.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)
ISO/DIS 11649, Financial services - Core banking - Structured creditor reference to remittance information - 7/3/2008, $53.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

OTHER
ISO/DIS 31000, Risk management - Principles and guidelines on implementation - 7/3/2008, $71.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)
ISO/DIS 8779, Plastics piping systems - Polyethylene (PE) pipes for irrigation - Specifications - 6/29/2008, $62.00

RUBBER AND RUBBER PRODUCTS (TC 45)


TEXTILES (TC 38)
ISO 7768/DAm1, Textiles - Test method for assessing the smoothness appearance of fabrics after cleansing - Amendment 1 - 7/4/2008, $58.00
ISO 7769/DAm1, Textiles - Test method for assessing the appearance of creases in fabrics after cleansing - Amendment 1 - 7/4/2008, $40.00
ISO 7770/DAm1, Textiles - Test method for assessing the smoothness appearance of seams in fabrics after cleansing - Amendment 1 - 7/4/2008, $67.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/IEC JTC 1, Information Technology
ISO/IEC DIS 12139-1, Information technology - Telecommunication and information exchange between systems - Power line communication (PLC) - High speed PLC medium access control (MAC) and physical layer (PHY) - Part 1: General requirements - 6/29/2008, $134.00
Newly Published ISO and IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (http://webstore.ansi.org.faq.aspx#resellers).

ISO Standards

STEEL (TC 17)
ISO 3574:2008, Cold-reduced carbon steel sheet of commercial and drawing qualities, $61.00

ISO/IEC JTC 1, Information Technology

IEC Standards

CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)
IEC 62153-4-9 Ed. 1.0 en:2008, Metallic communication cable test methods - Part 4-9: Electromagnetic compatibility (EMC) - Coupling attenuation of screened balanced cables, triaxial method, $71.00

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)
IEC 62491 Ed. 1.0 b:2008, Industrial systems, installations and equipment and industrial products - Labelling of cables and cores, $119.00

ELECTRICAL EQUIPMENT AND INDUSTRIAL PRODUCTS (TC 62)
IEC 6061-2-31 Ed. 2.0 b:2008, Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source, $147.00

ELECTRICAL MOTOR-OPERATED CLEANING APPLIANCES FOR INDUSTRIAL USE (TC 61J)
IEC 60335-2-69 Ed. 3.2 b:2008, Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for industrial and commercial use, $213.00

FIBRE OPTICS (TC 86)
IEC 60794-2-40 Ed. 2.0 en:2008, Optical fibre cables - Part 2-40: Indoor optical fibre cables - Family specification for A4 fibre cables, $38.00

IEC 61754-7 Ed. 3.0 en:2008, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7: Type MPO connector family, $119.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)
IEC 62320-2 Ed. 1.0 en:2008, Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 2: AIS AtoN Stations - Operational and performance requirements, methods of testing and required test results, $242.00

OTHER
CISPR 25 Ed. 3.0 b:2008, Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers, $232.00

QUANTITIES AND UNITS, AND THEIR LETTER SYMBOLS (TC 25)
IEC 80000-6 Ed. 1.0 b:2008, Quantities and units - Part 6: Electromagnetism, $147.00
IEC 80000-13 Ed. 1.0 b:2008, Quantities and units - Part 13: Information science and technology, $109.00
IEC 80000-14 Ed. 1.0 b:2008, Quantities and units - Part 14: Telebiometrics related to human physiology, $218.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)
IEC 60335-2-6 Ed. 5.2 b:2008, Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, $166.00
IEC 60335-2-13 Ed. 5.2 b:2008, Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances, $85.00
IEC 60335-2-23 Ed. 5.1 b:2008, Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, $123.00
IEC 60335-2-32 Ed. 4.1 b:2008, Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, $62.00
IEC 60335-2-50 Ed. 4.1 en:2008, Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, $62.00
IEC 60335-2-64 Ed. 3.1 en:2008, Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, $85.00
IEC 60335-2-105 Ed. 1.1 b:2008, Household and similar electrical appliances - Safety - Part 2-105: Particular requirements for multifunctional shower cabinets, $104.00

SWITCHGEAR AND CONTROLGEAR (TC 17)
IEC/TR 62271-310 Ed. 2.0 b:2008, High-voltage switchgear and controlgear - Part 310: Electrical endurance testing for circuit-breakers above a rated voltage of 52 kV, $100.00
Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

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

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

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

ANSI Accredited Standards Developers
Applications for Accreditation
Certification Institute of North America (CINA)

Comment Deadline: May 5, 2008

The Certification Institute of North America (CINA), a new ANSI Organizational Member, has submitted an application for accreditation under proposed operating procedures for documenting consensus on proposed American National Standards. CINA’s proposed new scope of standards activity is as follows:

The resin, pipe, fitting, appurtenance and maintenance industry for gas distribution applications in the United States.

As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of CINA’s proposed operating procedures from ANSI Online during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fpdal%2fIDocuments%2fISStandard%20Activities%2fPublic%20Review%20and%20Committee%2fANSI%20Accreditation%20Actions&View=0C36355%2dDAB17%2d4CD7%2dA690%2dABEEC5D7C60%7d.

International Association of Plumbing & Mechanical Officials (IAPMO)

Comment Deadline: May 5, 2008

The International Association of Plumbing & Mechanical Officials (IAPMO), an ANSI Organizational Member and currently accredited standards developer, has submitted an application for accreditation as a developer of American National Standards under a new set of operating procedures with a different scope of standards activity from those standards that fall under IAPMO’s current scope. IAPMO’s proposed new scope of standards activity is as follows:

The provisions of the Uniform Swimming Pool & Hot Tub Code and Uniform Solar Energy Code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, addition to, use or maintenance of any swimming pool, spa & hot tub and solar systems.

To obtain a copy of IAPMO’s new proposed operating procedures, or to offer comments, please contact: Ms. Lynne Simnick, Director of Code Development, IAPMO, 5001 E. Philadelphia Street, Ontario, CA 91761; PHONE: (909) 472-4110; FAX: (909) 472-4152; E-mail: lynne.simmnick@iapmo.org. Please submit your comments to IAPMO by May 5, 2008, with a copy to the Recording Secretary, ExSC in ANSI’s New York Office (FAX: (212) 840-2298; E-mail: Jthompson@ansi.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of IAPMO’s new proposed operating procedures from ANSI Online during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fpdal%2fIDocuments%2fISStandard%20Activities%2fPublic%20Review%20and%20Committee%2fANSI%20Accreditation%20Actions&View=0C36355%2dDAB17%2d4CD7%2dA690%2dABEEC5D7C60%7d.

Standards Action - April 4, 2008 - Page 25 of 37 Pages
Reaccreditation

SAE International

Comment Deadline: May 5, 2008

SAE International, an ANSI Organizational Member and Accredited Standards Developer, has submitted revisions to its Technical Standards Board Governance Policy under which it was last reaccredited in 2003. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of SAE’s revised policy, or to offer comments, please contact: Ms. Cindy Reese, Senior Standards Specialist, SAE International, 755 West Big Beaver Road, Troy, MI 48084; PHONE: (248) 273-2470; FAX: (248) 273-2494; E-mail: cindyreese@sae.org. You may view/download a copy of the revisions during the public review period at the following URL:

http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fISO%2fStandards%20Activities%2fISO%2f20%2f20Public%2f20Review%2f20and%20Comme nt%2f20ISO%20Reaccreditation%2020%2020%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%2
U.S. Technical Advisory Groups

Call for Comment

INCITS J4 (the US TAG to ISO/IEC JTC 1/SC22/WG4)

Comment Deadline: May 4, 2008

INCITS J4 (the US TAG to ISO/IEC JTC 1/SC22/WG4) requests comments on the following:

ISO/IEC CD 1989, Information technology – Programming languages, their environments and system software interfaces – Programming language COBOL (SC22 N4315)

Remove Section 9.1.4:

Where carbon steel is used for vessels, the material’s minimum yield stress shall not exceed 50 ksi [350 MPa].

Section 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 to protect the insulation from compression damage.

Section 13.3.1.6:

When required, emergency remote controls to stop the action of the refrigerating compressors shall be provided and located immediately outside the machinery room. Emergency controls, capable of interrupting power to all electrically operated equipment and appliances within a machinery room space, except emergency ventilation fans, refrigerant leak detectors, and any devices which are Class I Group D compliant shall be provided. Manual emergency controls shall be located immediately outside each machinery room personnel exit door. Automatic emergency controls shall activate at a concentration of refrigerant vapor no greater than 25% of the LFL or 40,000 ppm.

Section 15.1.7.4:

The system shall be carefully inspected for leaks. All discovered leaks shall be repaired, all defective welds shall be replaced and the test procedure repeated until the system is proven tight with respect to the ammonia leak test. The system shall be maintained at test pressure for a minimum of 24 hr total ammonia test time.
Plumbing system components for recreational vehicles

10 Waste holding tanks

10.1 Design and construction

10.1.1 Tanks shall have interior surfaces free of recessed areas and shall have internal corners with a continuous radius of at least 1 in (25.4 mm). Tanks shall have a minimum uniform slope of 2 in (17.2 mm) per ft (0.3 m) to a 3-in (76.2 mm) minimum diameter drain outlet. Tanks shall be at least 3 in (76.2 mm) deep.

10.1.2 Tanks shall be reinforced to withstand the normal stresses of the use environment such as road shock or vibration.

10.1.3 Body waste tank inlet connections shall be vertical and shall have a nominal 3.0-in (76.2 mm) diameter minimum pipe size. The inlet may be integrated with a standard closet flange. Liquid waste tank inlet connections shall be vertical and shall have a nominal 1.5-in (38.1 mm) diameter minimum pipe size.

10.1.4 Tanks shall be provided with a vent connection installed at the highest point or top of the tank. The connection shall be at least a nominal 1-¼-in IPS diameter to permit a nominal 1-¼-in vent takeoff to rise vertically. The vent connection shall not extend more than 2.0 in (17.2 mm) below the inside top of the tank.

10.1.5 Tanks shall be provided with a drain opening at the lowest point.
NSF/ANSI 49-2007

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

Class II (laminar flow) biosafety cabinetry

1 General

1.1 Scope

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

- 
- 
- 

- 
- 
-
1. Flush Duplex Receptacle Securement

4.7.3 In the United States, a wiring device cover constructed to support a flush duplex receptacle shall be provided with more than one securement point for the receptacle. In Canada, this requirement does not apply.

2. Conduit Identification Marking

7.4 Each length of raceway, and each fitting intended for use with the raceway, shall be marked with:

   a) the name of the manufacturer or the manufacturer's trade name for the raceway and fittings, or both, or
   
   b) any other distinctive marking by means of which the organization responsible for the raceway and fittings can be readily identified, and
   
   c) if practicable, the catalog number or its equivalent.

A private labeler may also be identified.
5.1.1 The conductors shall be solid or stranded, annealed, bare or metal-coated copper. The centre conductor of CMP, CMR, CMG, CM, CMH and CMX coaxial cables made of copper-clad steel shall have 21 percent or higher conductivity in accordance with ASTM Standard B 869. If the insulation adjacent to the copper conductor is of a material that corrodes unprotected copper in the test described in Clause 7.1, the conductor shall be covered with a coating of tin complying with ASTM Standard B 33, of lead or lead-alloy complying with ASTM Standard B 189, of nickel complying with ASTM Standard B 355, of silver complying with ASTM Standard B 298, or of another metal or alloy (evaluation shall be required). Metal-coating a conductor on which the coating is not required for corrosion protection shall be permitted. When this is done, the 100 percent coverage requirement of the relevant ASTM Standard shall be waived.

The maximum temperature rating of cables relative to the diameter and coating of solid copper conductors or copper conductor strands shall not be higher than those shown in Table 1.

5.1.2 In the United States, the centre conductor of CMP, CMR, CMG, CM, CMH and CMX coaxial cables made of copper-clad aluminum shall be in accordance with ASTM B 556.

In Canada, this requirement does not apply.

5.1.3 If the insulation adjacent to the copper conductor is of a material that corrodes unprotected copper in the test described in Clause 7.1, the conductor shall be covered with a coating of tin complying with ASTM Standard B 33, of lead or lead-alloy complying with ASTM Standard B 189, of nickel complying with ASTM Standard B 355, of silver complying with ASTM Standard B 298, or of another metal or alloy (evaluation shall be required). Metal-coating a conductor on which the coating is not required for corrosion protection shall be permitted. When this is done, the 100 percent coverage requirement of the relevant ASTM Standard shall be waived.

The maximum temperature rating of cables relative to the diameter and coating of solid copper conductors or copper conductor strands shall not be higher than those shown in Table 1.

NOTE – Paragraphs 5.1.2 through 5.1.8 in the ballot document dated January 18, 2008 are not being revised but will be renumbered upon publication as shown below.

5.1.4 For stranded conductors, the length of lay of the strands shall not exceed 20 times the calculated diameter over the assembled conductor for No. 19 – 6 AWG conductor, or 30 times for No. 30 – 20 AWG conductor. The direction of lay of the strands may be right- or left-hand.

5.1.5 The conductors shall be continuous when tested in accordance with Clause 6.2.

5.1.6 The size of the copper conductor shall be determined either by means of the resistance shown in Tables 2 and 3, or by means of the dimensions shown in Table 5. In case of dispute, the resistance method shall be the referee method. Applications for various AWG sizes and conductor compositions are shown in Table 4.

5.1.7 Resistance shall be determined in accordance with Clause 7.16.

5.1.8 Dimensions shall be determined in accordance with Clause 7.17.

5.1.9 A joint in a solid conductor or in one of the individual wires of a stranded conductor shall be made in a skillful manner, shall be essentially smooth, and shall not have any sharp projections.
A joint in a stranded conductor may be made by:

a) Separately joining each individual wire; or

b) Machine brazing or welding of the conductor as a whole.

In either case, the resulting solid section of the stranded conductor shall be not longer than 13 mm (1/2 in), there shall be no sharp points, and the distance between brazes or welds in a single conductor shall not average less than 915 m (3000 ft) in any reel length of insulated single conductor.

A joint made before insulation is applied to a conductor shall not increase the diameter of the solid conductor or individual wire (strand). A joint made after insulating shall not increase the diameter of the solid conductor or individual wire (strand) by more than 20%.

The insulation applied to joints after insulating shall be equivalent to that removed (heat-shrinkable tubing, bonded patch, and molding have been accepted but taping has not) and shall comply with the requirements in this Standard.

5.1.10 5.1.8 Any section of a conductor that includes a factory joint shall have a breaking strength that is not less than 85% of the breaking strength of an adjacent section of the conductor without a joint.

7.13.3 The impact energy shall be provided by a weight in the form of a circular steel cylinder having a diameter of 25 mm ± 0.1 mm (1.0 in ± 0.04 in) and a flat impact face that is perpendicular to the longitudinal axis of the weight and has rounded edges. The weight of 0.11 kg ± 0.002 kg (0.25 lb ± 0.005 lb) shall be 25 mm (1.0 in) long to enable the weight, when dropped from the height indicated in Clause 7.13.8, to supply an energy of 0.34 J ± 0.02 J (3 in lbf ± 0.18 in lbf) to the cable.

8.4.3 Cable that complies with the requirements in Clause 7.2.3 may be marked with the suffix “C1” “CI”. If so marked, the suffix “-CI” shall be added immediately after the cable designation. This marking is not required.
Standard for Transformer-Type Arc-Welding Machines,  
BSR/UL 551

PROPOSAL

1.1 These requirements cover limited duty welding and cutting power sources, wire feeders, torches, and electrode holders that are intended for use by a layperson in a nonindustrial setting arc welding machines of the transformer type rated 600 volts or less, to be used in accordance with the National Electrical Code, NFPA 70. Products covered by these requirements include only those welding products rated 600 volts or less, and are commonly known as hobby welders.

1.2 These requirements do not cover motor-generator sets or rectifier- or resistance-type welding machines. These requirements do not cover industrial or professional use welders.
BSR/UL 924-200x

17. Revision of test method for standby rating input test

PROPOSAL

48.3 Equipment marked per 70.1.40 with a standby electrical rating is to be charged for 168 hours or the minimum period of time for full recharge marked either on the product or in the instructions or other literature provided with the product. If the equipment is not marked or otherwise provided with a battery charge time specification, the battery is to be charged for 168 hours. After being charged, the input current and wattage are to be measured periodically or continuously monitored over a 24 - 48 hour period. The average of no less than six measurements evenly spaced over the time period shall be determined. The marked standby rating shall be not less than 90 percent of the average value measured.

32. Delete requirement that photoluminescent signs in accordance with Supplement G are for use only indoors

PROPOSAL

SG1.3 Photoluminescent signs evaluated in accordance with this Supplement are for indoor dry or damp locations where not exposed to direct unfiltered sunlight, liquids, or temperatures outside the range of 10 - 40°C (50 - 104°F).

Exception: Signs that have been tested in accordance with 41.1.12 SG4.1.3 are considered suitable for wet locations and are permitted to be marked accordingly.

41.1.12 For exit signs evaluated and marked as “Suitable for wet locations”, the samples subjected to either the Observation Visibility Test (41.2) or Luminance Measurement Test (41.3) shall be first subjected to the ultraviolet light exposure test conditions of the Standard for Polymeric Materials – Use in Electrical Equipment Evaluations, UL 746C.

Exception No. 1: Exit signs marked “Suitable for indoor wet locations”.

Exception No. 2: Exit signs whose exposed background, legend and directional indicator materials are known to be resistant to the effects of ultraviolet radiation.

36. Require overload and endurance testing of relays

PROPOSAL

5.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use. Load control devices shall be rated for the type(s) of loads controlled.

67A Overload and Endurance Test

67A.1 Automatic load control relays shall be evaluated for the voltage, current and type of load they are intended to control.

67A.2 Evaluation shall be as specified in Components, Section 5.

37. Add required marking of relays based on type of load

PROPOSAL

68.1 The electrical ratings of emergency lighting and power equipment shall include:

a) For each input supply circuit, the following:

1) Input voltage;
2) Frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s;

3) Maximum input expressed in:
   i) Either amperes or watts for equipment having a power factor of 0.9 to 1.0;
   ii) Either amperes or both watts and power factor for equipment having a power factor less than 0.9. The power factor shall be lagging unless marked leading; and

4) The number of phases or wires (if other than single phase).

Exception: An exit fixture intended to be directly connected to the supply source, without a transformer or a step down circuit, and using incandescent lamps need only be rated for voltage.

b) For each output circuit, the following:

   1) Direct Current Output Circuits:
      i) The maximum output current or wattage;
      ii) The nominal system voltage; and
      iii) The phrase "DC."

   2) Alternating Current Output Circuits:
      i) The maximum current or volt-ampere (VA) output. Low frequency inverters shall be rated in amperes or kW output at unity power factor;
      ii) The nominal system voltage;
      iii) The permissible load power factor range expressed in both lead and lag;

      Exception: The permissible specific load types (tungsten, ballast, motor) shall be provided for automatic load control relays supplying remote loads.

      iv) The number of phases or wires (if other than single phase); and
      v) The frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s.

c) For fuses - the maximum ampere rating of the fuse to be installed in each fuseholder provided as a part of the device.

70.1.42 Automatic load control relays or the load terminals they supply shall be marked with complete electrical ratings, including load type, for which the relay was evaluated.
BSR/UL 1484-200x

4A.1 The unit (including the sensor but excluding batteries) shall have a specified lifetime of at least 3 years from the date of manufacture, or from the date the unit is placed into service. If the manufacturer bases the specified lifetime on the date that the unit is placed into service, this specification shall be substantiated with technical data documenting that performance degradation is not likely to occur prior to the unit being placed into service, if the unit is placed into service within 18 months after manufacture. The selection of which basis is employed to define the beginning of specified lifetime may be contingent upon the technology of the sensor used in the unit.

4A.2 The unit shall indicate end-of-life, based on the manufacturer’s specified lifetime, with an end-of-life signal (see 3.6A). This signal shall be triggered either by an internal timer or by self-diagnostic test(s). See 43.1.11.

a) For a unit that employs a signal generated by an internal timer, once maximum specified lifetime is reached, the end-of-life signal shall be initiated. The timer can be reset repeatedly, for a period not exceeding 72 hours for each period of reset, if self-diagnostic test(s) indicate that the unit still meets the requirements of this standard. The timer shall not be able to be reset after 30 days following the initial end-of-life signal.

b) For a unit that employs a signal generated by a self-diagnostic test, once this test has determined the device no longer meets the requirements of this standard, the end-of-life signal shall be initiated.

c) If the sensor is automatically and periodically tested for response to gas, then the unit’s specified lifetime calculations can exclude the sensor component.

Verification of end-of-life signal

43.1.11 The end-of-life signal shall be verified in the following manner:

a) For a unit that employs a signal generated by an internal timer, a minimum of 4 samples with a speed up feature to permit the specified lifetime to be simulated in a reduced time frame, shall be tested. The manufacturer shall provide data documenting the degree that the timer is accelerated. The test shall be conducted to verify that the end-of-life signal is produced within the manufacturer’s specified tolerances.

b) For a unit that employs a signal generated by a self-diagnostic test, a minimum of 4 samples shall be provided with their performance degraded to the point where they are generating the end-of-life signal. The manufacturer shall provide documentation that illustrates the similarity between the condition of the sensors in these samples, and the condition of the sensors in these samples, and the condition that the sensors are expected to be in at the end of their useful life. Their detection threshold shall be evaluated per 43.1.3.

50.1 (item h) Distinction between alarm, end-of-life and trouble signals. The distinction may appear in the instruction manual.

51.1 (item c) Detailed information on the alarm, end-of-life and trouble signals and an indication where false alarms or trouble signals would be anticipated.

51.3 The material shipped with the detector, including the package, instructions, and owner’s manual, shall not include information other than that specified in 51.1, such as manufacturer’s claims on the operation of the detector that have not been substantiated by the performance tests in this standard. The package shall also include the end-of-life information described in 51.1(d).