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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

★ Standard for consumer products

Comment Deadline: April 15, 2007

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

Supplements

BSR/ASHRAE 15a-200x, Safety Standard for Refrigeration Systems (supplement to ANSI/ASHRAE 15-2001)

This proposed addendum revises the requirements for terminating relief vent discharge lines to atmosphere to include any system requiring a machinery room. Currently, there are several requirements that dictate that the discharge vent be to atmosphere; however, there are situations where a machinery room is required but the provisions that trigger piping discharge lines to atmosphere may not apply. As a result, one could interpret that discharging lines into a machinery room is permissible.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

BSR/ASHRAE 34a-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-429A to the blend R-E170/152a/600a (60.0/10.0/30.0) with composition tolerances of (+/- 1.0, +/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 6,300 ppm, 13 g/m³, 0.81 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

BSR/ASHRAE 34b-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-430A to the blend R-152a/600a (76.0/24.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 8,000 ppm, 21 g/m³, 1.3 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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public.review.comment@ashrae.org

BSR/ASHRAE 34c-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-431A to the blend R-290/152a (71.0/29.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 5,500ppm, 11g/m³, 0.69 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

BSR/ASHRAE 34d-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-432A to the blend R-1270/E170 (80.0/20.0) with composition tolerances of (+/-1.0, +/- 1.0), a safety classification of A3 and a RCL of 1,200 ppm, 2.1 g/m³, 0.13 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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BSR/ASHRAE 34e-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-433A to the blend R-1270/290 (30.0/70.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 3,100 ppm, 5.5 g/m³, 0.34 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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BSR/ASHRAE 34f-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum updates the RCL value for R-C318 in Table 1 to 80,000 ppm and adds RCL values for R-427A and R-428A in Table 2.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1c-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This addendum adds vivariums to the list of spaces that require specific humidity levels to satisfy process needs in Section 6.5.2.3.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
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BSR/ASHRAE/IESNA 90.1b-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

In exception section 6.5.2.3(a) of ASHRAE Standard 90.1-2004, the reference to the requirements of 62.1 as the minimum ventilation required is an example the conflict between 90.1 and a reference standard. This addendum corrects the reference by eliminating the specific section and denoting only ASHRAE Standard 62.1 and allows for another, higher outdoor ventilation rate to be set by the regulating body for these specific applications.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1a-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This proposed addendum seeks to clarify that the current cooling tower requirements in the Standard apply to open circuit cooling towers only, until such time that separate requirements for closed circuit cooling towers are established in the Standard.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:
public.review.comment@ashrae.org

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME A112.3.1-200x, Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above and Below-Ground (new standard)

This Standard establishes material, dimensions, mechanical, and physical (including marking) requirements for socket-type, seam-welded, stainless steel pipe, fittings, joints, and drains for use in plumbing sanitary and storm, drain, waste and vent (DWV), and vacuum systems. It includes minimum requirements for workmanship, dimensions, weld strength, pressure testing, marking, which incorporates a push-fit joining method.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Calvin Gomez, ASME;
gomezcc@asme.org

ASSE (ASC Z359) (American Society of Safety Engineers)

New Standards

BSR/ASSE Z359.2-200x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (new standard)

This standard establishes guidelines and requirements for an employer's managed fall protection program, including:

- policies, duties and training;
- fall protection procedures;
- eliminating and controlling fall hazards;
- rescue procedures;
- incident investigations; and
- evaluating program effectiveness.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Timothy Fisher, ASSE;
tfisher@asse.org

NGA (National Glass Association)

New Standards

- ★ BSR/NGA R1.1-200x, Repair of Laminated Automotive Glass Standard (ROLAGS) (new standard)

Defines:

- (1) Repairable damages;
- (2) The process of windshield repair; and
- (3) The performance criteria for repaired glass.

The standard also provides best practices for the training of a repair technician.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Peg Stroka, NGA;
pegs@glass.org

Comment Deadline: April 30, 2007

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

New Standards

BSR/ASHRAE 164P-200x, Method of Test for Central System Humidifiers for Residential Applications (new standard)

Establishes a uniform method of laboratory testing for rating central system residential humidifiers. The test determines the humidification rate of central system residential humidifiers intended for use with forced warm air heating and/ or cooling systems, and describes the test apparatus, conduct of the test, and information to be recorded. Information resulting from the application of this method of test is intended for use by manufacturers, specifiers, installers, and users of central system residential humidifiers.

Single copy price: Free

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BSR/ASHRAE/ACCA 180P-200x, Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems (new standard)

This is the second public review of proposed Standard 180, which is a collaborative effort between ASHRAE and ACCA, Air Conditioning Contractors of America. It establishes minimum HVAC inspection and maintenance requirements that preserve a system's ability to achieve acceptable thermal comfort, energy efficiency, and indoor air quality in commercial buildings.

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Revisions

BSR/ASHRAE 17-200x, Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves (revision of ANSI/ASHRAE 17-1998 (R2003))

This standard prescribes a method of testing the capacity of thermostatic refrigerant expansion valves for use in vapor-compression refrigeration systems.

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BSR/ASHRAE 22-200x, Methods of Testing for Rating Water-Cooled Refrigerant Condensers (revision of ANSI/ASHRAE 22-2003)

This standard prescribes methods of testing the thermal performance of water-cooled refrigerant condensers. To attain this objective, this standard lists and defines the terms suggested for rating water-cooled refrigerant condensers and establishes testing methods that may be used as a basis for obtaining ratings of water-cooled refrigerant condensers.

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BSR/ASHRAE 97-200x, Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use within Refrigerant Systems (revision of ANSI/ASHRAE 97-1999 (R2003))

This standard describes the preparation of sealed glass tubes and the procedure for charging them with refrigerant, lubricant, other materials to be tested, or combinations of these.

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BSR/ASHRAE 118.1-200x, Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment (revision of ANSI/ASHRAE 118.1-2003)

This standard provides test procedures for determining the efficiency and hot water delivery capability of the water-heating equipment to which it applies.

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BSR/ASHRAE 127-200x, Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners (revision of ANSI/ASHRAE 127-2001)

This proposed second public review draft of revised Standard 127 makes changes to the first PR draft in response to comments. The revised standard updates the definition of COP, clarifying that both this value and the efficiency ratings are based upon net cooling capacity. A definition for sensible COP (SCOP) has been added and is the basis for all energy efficiency ratings. A definition for Adjusted Sensible COP (ASCOP) has also been added, providing a way to document a seasonal efficiency rating based on the climate data for a particular city. For further information, see the foreword in this draft.

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BSR/ASHRAE 129-200x, Measuring Air-Change Effectiveness (revision of ANSI/ASHRAE 129-1997 (R2002))

This standard prescribes a method for measuring air-change effectiveness in mechanically ventilated spaces and buildings that meet specified criteria. The air-change effectiveness is a measure of the effectiveness of outdoor air distribution to the breathing level within the ventilated space.

Single copy price: Free

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BSR/ASHRAE 130-200x, Methods of Testing Air Terminal Units (revision of ANSI/ASHRAE 130-1996 (R2006))

This proposed revision of the standard includes updates and revisions to all parts of the standard, including its title, purpose, and scope. It updates definitions, adds modulating diffusers, redefines airflow sensor performance testing, and adds a method to determine the power factor. New appendices contain some material that was formerly in the body of the standard and some new reference material.

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BSR/ASHRAE 143-200x, Method of Test for Rating Indirect Evaporative Coolers (revision of ANSI/ASHRAE 143P-2000)

Standard 143 provides procedures for testing indirect evaporative cooling devices under laboratory conditions to obtain rating information. This proposed revision of the standard decreases the difference between the primary dry bulb and secondary temperatures from 25 to 20 F (14 to 11 C) to increase the times when testing can be accomplished with unconditioned air without a loss of testing accuracy. The draft also updates references and makes editorial corrections.

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Supplements

BSR/ASHRAE 34g-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum modifies the method of calculating the heat of combustion to more closely represent what actually occurs. It also adds an informative appendix with an example calculation.

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BSR/ASHRAE 34h-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds an informative appendix showing an example of the calculation of the ATEL and RCL for a refrigerant blend. Section 7.2 is also modified to refer the reader to the informative appendix.

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BSR/ASHRAE 52.2b-200x, Method of Testing General Ventilation Air-Cleaning Devices for Removal by Particle Size (supplement to ANSI/ASHRAE 52.2-1999)

This proposed addendum is part of a larger plan to combine Standards 52.1 and 52.2 into a single standard on air filter testing. It incorporates the 52.1 sections on arrestance and dust-holding capacity into Standard 52.2 and deletes some references to Standard 52.1 that occur in Standard 52.2. Future addenda will complete the process of making Standard 52.2 self sufficient and comprehensive, and at this time SPC 52.1 will be able to withdraw Standard 52.1.

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BSR/ASHRAE 52.2a-200x, Method of Testing General Ventilation Air-Cleaning Devices for Removal by Particle Size (supplement to ANSI/ASHRAE 52.2-1999)

This proposed addendum to Standard 52.2-2007 revises the first dust-loading step, also known as the conditioning step. It specifies a new loading dust for a revised loading test method that will more nearly represent the minimum efficiency points in actual real-world use. This revision corrects a deficiency in the current procedure, which tends to show a more significant drop in the efficiency of electret filters than they undergo during actual use.

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BSR/ASHRAE 62.1-200x, Ventilation for Acceptable Indoor Air Quality
(supplement to ANSI/ASHRAE 62.1-2007)

In response to 1st review comments and further study by the committee, this 2nd public review deletes informative language in 6.2.9 stating specific ventilation rates can't be determined until cog authorities determine acceptable level of ETS, refers the reader to 5.18 for separation of ETS and ETS-free areas, requires ventilation for ETS areas be determined using engineered methods, requires added ventilation in areas with ETS, notes standard does not specify specific ventilation in ETS areas, notes dilution rates in ETS areas, even at higher levels than for ETS-free areas, may not be sufficient to protect health, and modifies Note 2 of Table 6-1.

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BSR/ASHRAE 62.1a-200x, Ventilation for Acceptable Indoor Air Quality
(supplement to ANSI/ASHRAE 62.1-2007)

Proposed addendum in large part addresses compliance issues that may result from unclear wording or phrasing, it makes the current suggested list of local survey information in Section 4.3 mandatory with some wording changes for clarification, and it relaxes the requirement in Section 5.16 Item #3 from "minimize" to "limit" migration of air from an attached parking garage to the adjacent occupiable spaces.

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BSR/ASHRAE 62.1b-200x, Ventilation for Acceptable Indoor Air Quality
(supplement to ANSI/ASHRAE 62.1-2007)

Proposed addendum addresses compliance issues that may result from unclear wording or phrasing in Appendix C:

- Text is changed to indicate the percentages presented are percent-difference values, rather than percent-change values; Appendix D;
- Text improvements emphasizing the equations are only for single zone systems and increase consistency with Section 6;
- Replaced "air change effectiveness" (e) with "zone air change effectiveness" (Ez) to be consistent with Section 6;
- Appendix F: In Tables F-1 and F-2, added air classification numbers per 5.17; and
- Reformatted Table F-1 to match Table F-2, and moved units from title to table.

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BSR/ASHRAE 62.1c-200x, Ventilation for Acceptable Indoor Air Quality
(supplement to ANSI/ASHRAE 62.1-2007)

Proposed addendum updates Table 4-1 to include the NAAQS for PM2.5 and inserts appropriate language into Section 6.2.1. The U.S. EPA changed to an eight-hour average ozone concentration as the basis for compliance with the NAAQS. Selection of a design value of 0.107 ppm or more (corresponding to Serious, Severe, or Extreme by the U.S. EPA) is based on limiting this requirement to the worst ambient air quality areas with regards to ozone. Requirement related to when ozone air-cleaning devices must operate is changed to adjust for the U.S. EPA policy change. The trigger point for requiring air-cleaning devices was lowered to 0.080 ppm.

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BSR/ASHRAE 62.1d-200x, Ventilation for Acceptable Indoor Air Quality
(supplement to ANSI/ASHRAE 62.1-2007)

Proposed addendum adds the following Occupancy Categories to Table 6-1:

- "Kitchens (cooking)" has been inserted under the subheading "Food and Beverage Service";
- "Banks" or "Bank Lobbies" has been inserted under the subheading "Miscellaneous Spaces";
- "Breakrooms" has been inserted under the subheading "Office Buildings"; and
- "Sorting, Packing, Light Assembly" and "General Manufacturing (excludes heavy industrial and processes using chemicals)" have been inserted under the subheading "Miscellaneous Spaces".

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BSR/ASHRAE 90.2a-2007, Energy Efficient Design of Low-Rise
Residential Buildings (supplement to ANSI/ASHRAE 90.2-2007)

This addendum updates the standard's current ventilation coverage by changing the current reference to ANSI/ASHRAE 62-1989 to ANSI/ASHRAE 62.2-2004. The current ventilation coverage in ASHRAE 90.2 is proposed to be deleted as such coverage is specified by ASHRAE 62.2. In addition, the proposal refers to applicable state or local mechanical codes for determining an adequate supply of combustion air for fuel-fired heating appliances.

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BSR/ASHRAE 135.1b-200x, Method of Test for Conformance to BACnet
(supplement to ANSI/ASHRAE 135.1-2006)

- Omits certain tests when Averaging and Command properties are fixed or not present;
- Accommodates Group objects whose members list is not changeable;
- Revises Alarm Acknowledgement tests;
- Adds new Alarm Acknowledgement "offnormal" tests;
- Labels conditionally-writable properties in the EPICS; and
- Adds new object types.

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BSR/ASHRAE 135.1c-200x, Method of Test for Conformance to BACnet (supplement to ANSI/ASHRAE 135.1-2006)

- Updates references to refer to the 135-2004 edition;
- Adds new object types from 135-2004;
- Omits certain tests based on Protocol_Revision;
- Removes interference from higher priority exception schedules; and
- Makes minor corrections.

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BSR/ASHRAE 135b-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This third public review of proposed Addendum b:

- adds a new Event Log object type, Global Group object type, and Trend Log Multiple object type;
- enables a device to provide notification that it has restarted, to periodically send time synchronization messages, and to acknowledge alarms (previously restricted to alarm recipients);
- allows MS/TP BACnet Data Expecting Reply frames to be broadcast;
- adds new Error Codes; and
- adds new Reliability enumeration to objects with Reliability property.

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BSR/ASHRAE 135g-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This second public review draft of Addendum g updates BACnet Network Security. The existing BACnet Network Security architecture defined in clause 24 of Standard 135-2004 is based on the 56-bit DES cryptographic standard and needs to be updated to meet the needs of today's networks.

Single copy price: Free

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BSR/ASHRAE 135h-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This proposed addendum:

- changes Device_Busy to Busy and applies the change to the Command Object type;
- prevents overflow and underflow in Pulse_Converter object's Count property;
- adds context tags to Clause 21 production BACnetPropertyStates;
- adds new BACnetEngineering Units;
- defines COV notification service Error returns,
- removes non-support for automatic cancellation of COV subscriptions;
- adds support for the UTF-8 character set; and
- adds even and odd day support in Dates.

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BSR/ASHRAE 135i-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This proposed addendum:

- defines a new Lighting Output Object type;
- adds support for breaker-tripped status to Analog and Binary Output objects; and
- adds warning-blink support to Binary Output and Binary Value objects.

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BSR/ASHRAE/IESNA 90.1d-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This addendum modifies the daylighting requirements to allow the use of photocontrols combined with skylighting to reduce the electricity used for lighting.

Single copy price: Free

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to:

public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1e-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This addendum modifies the requirements for Energy Recovery by expanding them to cover the use of energy recovery by weather zone and for outside air percentages equal to or greater than 30%.

Single copy price: Free

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to:

public.review.comment@ashrae.org

Reaffirmations

BSR/ASHRAE 78-1985 (R200x), Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers (reaffirmation of ANSI/ASHRAE 78-1985 (R2003))

This standard establishes a method for measuring the flow capacity of refrigerant suction line filters and filter-driers. This test method is intended for use on both sealed and replaceable element type suction line filters and filter-driers of all types. The test method is based on using air as the testing medium and calculating the results to refrigerant gas flow under various application conditions.

Single copy price: Free

Obtain an electronic copy from: standards.section@ashrae.org

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to:

public.review.comment@ashrae.org

Withdrawals

ANSI/ASHRAE 63.1-1995 (R2002), Method of Testing Liquid Line Refrigerant Driers (withdrawal of ANSI/ASHRAE 63.1-1995 (R2002))

The purpose of this standard is to prescribe test methods for determining flow capacity and water capacity performance characteristics of liquid line refrigerant driers.

Single copy price: Free

Obtain an electronic copy from: standards.section@ashrae.org

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to:

public.review.comment@ashrae.org

ANSI/ASHRAE 87.2-2002, In-Situ Method of Testing Propeller Fans for Reliability (withdrawal of ANSI/ASHRAE 87.2-2002)

The purpose of this standard is to establish a method of testing propeller fans to measure those dynamic characteristics that are essential in the proper selection and application of such fans to minimize the potential for fatigue failure.

Single copy price: Free

Obtain an electronic copy from: standards.section@ashrae.org

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

ANSI/ASHRAE 117-2002, Method of Testing Closed Refrigerators (withdrawal of ANSI/ASHRAE 117-2002)

The purpose of this standard is to prescribe a uniform method of testing closed refrigerators for rating so that comparative evaluations can be made of energy consumption, product temperature performance, refrigeration load, the suction pressures required, and other performance factors.

Single copy price: Free

Obtain an electronic copy from: standards.section@ashrae.org

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME A17.2-200x, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2-1988)

Covers recommended inspection and testing procedures for electric and hydraulic elevators, escalators, and moving walks required to conform to the Safety Code for Elevators and Escalators, ANSI A17.1-1955 and later editions and The Safety Code for Existing Elevators and Escalators, ANSI A17.3. This Guide also addresses some requirements from editions of A17.1 prior to 1955.

NOTE: This Guide may not reflect the latest requirements in the current A17.1 and A17.3 Codes.

Single copy price: \$40.00

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

Order from: Mayra Santiago, ASME; Global Engineering DocumentsBOX@asme.org

Send comments (with copy to BSR) to: Riad Mohamed, ASME; MohamedR@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

- ★ BSR/ATIS 0100008-200x, Defects Per Million (DPM) Metric for Transaction-Based Services such as VoIP (new standard)

This standard defines a metric that can gauge the ability of an IP network to deliver transaction services in an acceptable manner. Transaction such as Voice over IP calls are either successfully completed as required; otherwise 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 predetermined period normalized, by a factor of one million.

Single copy price: \$43.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

Supplements

BSR/ATIS 1000678.a-200x, LAES for Voice Over Packet Technologies in Wireline Telecommunication Networks (supplement to ANSI ATIS 1000678-2006)

This document is a supplement to ATIS 1000678-2006 and provides clarifications, corrections and enhancements.

Single copy price: \$108.00

Obtain an electronic copy from: kconn@atis.org

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

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS A5.23/A5.23M-200x, Specification for Low-Alloy Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.23/A5.23M-97)

Provides requirements for the classification of solid and composite carbon steel and low-alloy steel electrodes and fluxes for submerged arc welding. Electrode classification is based on chemical composition of the electrode for solid electrodes, and chemical composition of the weld metal for composite electrodes. Fluxes may be classified using a multiple pass classification system or a two-run classification system, or both, under this specification.

Single copy price: \$46.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org; adavis@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

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

New Standards

Draft INCITS 436.1-200x, Information Technology - Framework Data Content Standard - Cadastral (new standard)

Provides the information necessary to identify the existence of parcel-level cadastral information and the source of that information.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.2-200x, Information Technology - Framework Data Content Standard - Digital orthoimagery (new standard)

Digital orthoimagery is one of the basic digital geospatial data framework themes as envisioned by the Federal Geographic Data Committee. This part of the Geographic Information Framework Data Content Standard specifies data content and logical structure for the description and interchange of framework digital orthoimagery.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.3-200x, Information Technology - Framework Data
Content Standard - Elevation (new standard)

The Elevation part of the Framework Data Content Standard defines the geospatial data model entities and attributes that permit the exchange of digital elevation data consistent with the National Spatial Data Infrastructure's (NSDI) framework for elevation data.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.4-200x, Information Technology - Framework Data
Content Standard - Geodetic control (new standard)

Geodetic control surveys are usually performed to establish the basic positional framework from which supplemental surveying and mapping are performed. Geodetic control surveys are distinguished by use of redundant, interconnected, permanently monumented control points that comprise the National Spatial Reference System (NSRS) or are often incorporated into NSRS.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.5-200x, Information Technology - Framework Data
Content Standard - Governmental unit and other geographic area
boundaries (new standard)

Establishes the content requirements for the collection and interchange of governmental units and other geographic area boundary data and to facilitate the maintenance and use of that information.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.6-200x, Information Technology - Framework Data
Content Standard - Hydrography (new standard)

Establishes the content requirements for the collection and interchange of hydrography features and to facilitate the maintenance and use of that information by all users of geographic information.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7-200x, Information Technology - Framework Data
Content Standard - Transportation base (new standard)

Defines the data model for describing transportation systems components of transportation systems for five modes that compose the Transportation theme of the NSDI. The primary purpose of this part of the standard is to support the exchange of transportation data related to transportation systems.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7a-200x, Information Technology - Framework Data
Content Standard - Air (new standard)

Supports the exchange of transportation data related to aviation, one of five modes that compose the Transportation theme of the geospatial data framework. More specifically, the Air part encompasses spatial data, as well as related attributes and metadata, which can be used to depict the most broadly used elements of the U.S. National Airspace System (NAS).

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7b-200x, Information Technology - Framework Data
Content Standard - Rail (new standard)

Defines components of a model for describing the railway system, which is one of five modes that compose the Transportation theme of the NSDI framework data. The primary purpose of this part of the standard is to support the exchange of transportation data related to the railway system.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7c-200x, Information Technology - Framework Data
Content Standard - Roads (new standard)

Defines the components of a model for describing roads which, along with Air (Part 7a), Rail (Part 7b), Transit (Part 7d), and Inland Waterways (Part 7e), is one of five modes that compose the Transportation theme of the digital geospatial data framework. The primary purpose of this part of the standard is to support the exchange of transportation data related to road systems.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7d-200x, Information Technology - Framework Data
Content Standard - Transit (new standard)

Defines components of a model for describing public transportation (transit) systems, which is one of five modes that compose the Transportation theme of the digital geospatial data framework. The primary purpose of the Transit part of the standard is to support the exchange of spatial and temporal data related to public transportation.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436.7e-200x, Information Technology - Framework Data
Content Standard - Inland waterways (new standard)

Provides common definitions and syntax to enable the use and exchange of geospatial data content as compiled for the IENC. The part describes authoritative data content derived from the IENC.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Draft INCITS 436-200x, Information Technology - Framework Data
Content Standard - Base Document (new standard)

Provides interrelated thematic standards in seven data areas: cadastral, digital orthoimagery, elevation, geodetic control, governmental unit boundaries and other geographic area boundaries, hydrography, and transportation.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or
<http://webstore.ansi.org> (or click on designation above)

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

Withdrawals

ANSI INCITS 198-1992 (R2002), Programming Language - Fortran -
Extended (withdrawal of ANSI INCITS 198-1992 (R2002))

Specifies the form and establishes the interpretation of programs expressed in the Fortran language. The purpose of this Standard is to promote portability, reliability, maintainability, and efficient execution of Fortran programs for use on a variety of computing systems.

Single copy price: \$30.00

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

Order from: Global Engineering Documents; <http://www.global.ihs.com>

Send comments (with copy to BSR) to: Deborah Spittle, ITI (INCITS);
dspittle@itic.org

MedBiq (MedBiquitous Consortium)

New Standards

- ★ BSR/MEDBIQ LO.10.1-200x, Healthcare Learning Object Metadata (new standard)

Healthcare Learning Object Metadata extends the IEEE Learning Object Metadata standard for describing educational resources.

Healthcare-specific extensions include metadata relevant to learning objects, assets, and events, including:

- credit information;
- target audience;
- content expiry date;
- date and location information for live events;
- modality;
- commercial support information;
- disclosures;
- clinical history;
- magnification;
- orientation;
- radiograph type; and
- specimen type, among others.

It also supports referencing medical terminologies.

Single copy price: Free

Obtain an electronic copy from: Download at:
http://www.medbiq.org/working_groups/learning_objects/index.html

Order from: Jody Poet, MedBiq; jpoet@medbiq.org

Send comments (with copy to BSR) to: Valerie Smothers, MedBiq;
valerie.smothers@medbiq.org

NEMA (National Electrical Manufacturers Association)

Revisions

BSR/NEMA GR 1-200x, Grounding Rod Electrodes and Grounding Rod
Electrode Couplings (revision of ANSI/NEMA GR 1-2001)

Applies to ground rod electrodes and ground rod electrode couplings that function in accordance with the National Electrical Code (NFPA 70-2005) and/or the National Electrical Safety Code (ANSI C2-2002). Included are materials, construction, and performance of copper-bonded ground rod electrodes, zinc-coated ground rod electrodes, and stainless-steel-clad ground rod electrodes.

Single copy price: \$56.00

Obtain an electronic copy from: vin_baclawski@nema.org

Send comments (with copy to BSR) to: Vince Baclawski, NEMA;
vin_baclawski@nema.org

TIA (Telecommunications Industry Association)

Reaffirmations

BSR/TIA 793-2001 (R200x), North American Telephone Network
Transmission Model for Evaluating Analog Client and Digitally
Connected Server Modems (reaffirmation of ANSI/TIA 793-2001)

Defines a model of the characteristics of the Public Switched Telephone Network (PSTN) in the continental United States of America that determine PCM modem transmission performance. It is intended to be the basis for performance testing of systems of modems consisting of a digital (4-wire connected) server modem connected to an analog (2-wire connected) client modem. The model includes specifications for the configuration and setup of suitable simulator equipment used in evaluations and 10 comparisons of such modem systems.

Single copy price: \$153.00

Obtain an electronic copy from: ihs@global.com

Order from: Global Engineering Documents; <http://www.global.ihs.com>

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 325-200x, Standard for Safety for Door, Drapery, Gate, Louver,
and Window Operators and Systems (revision of ANSI/UL 325-2006)

Covers:

- (1) Revision of commercial door operator requirements; and
- (2) Deletion of the reference to asbestos as an acceptable means of insulation.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Amy Walker, UL-IL;
Amy.K.Walker@us.ul.com

BSR/UL 746E-200x, Standard for Safety for Polymeric Materials -
Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and
Materials Used in Printed Wiring Boards (Proposals dated March 16,
2007) (revision of ANSI/UL 746E-2006)

Resolves comments received by UL to the following proposals for UL 746E, which were originally proposed on September 8, 2006 and December 15, 2006:

- (1) Addition to and modification of terms in the glossary;
- (2) Clarification of requirements in Table 9.1;
- (3) Clarification of requirements in Tables 10.4, 11.1, and 20.2; and
- (4) Clarification of requirements for metal-clad laminates in Section 17.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Derrick Martin, UL-CA;
Derrick.L.Martin@us.ul.com

BSR/UL 1238-200x, Standard for Control Equipment for Use with Flammable Liquid Dispensing Devices (Proposals dated 3/16/07) (revision of ANSI/UL 1238-2006)

These requirements cover electrical equipment used for the control of flammable liquid dispensing devices rated 600 volts or less. Such control equipment is intended to be installed in ordinary locations in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Marcia Kawate, UL-CA, Marcia.M.Kawate@us.ul.com

Comment Deadline: May 15, 2007

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-9-200x, Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products (identical national adoption and revision of ANSI/AAMI/ISO 10993-9-1999 (R2005))

Provides general principles for the systematic evaluation of the potential and observed biodegradation of medical devices and for the design and performance of biodegradation studies. Information obtained from these studies is to be used in the biological evaluations described in the remaining parts of ISO 10993. Where product standards provide applicable product-specific methodologies for the identification and quantification of degradation products, those standards shall be considered as alternatives.

Single copy price: \$20.00 for members, \$25.00 for list (Print); \$0 for members, \$25.00 for list (PDF)

Obtain an electronic copy from: <http://marketplace.aami.org>

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

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

ALI (Automotive Lift Institute)

Revisions

BSR/ALI ALOIM-200x, Standard for Automotive Lifts - Safety Requirements for Operation, Inspection and Maintenance (revision of ANSI/ALI ALOIM-2000)

Provides guidance to the owner or employer for the operation, inspection and maintenance of installed automotive lifts including the required qualifications, training, reporting and documentation for operators, inspectors and maintenance personnel. The standard also provides sample forms and checklists for use by owners or employers attempting to comply with this standard.

Single copy price: \$10.00

Order from: Bob O'Gorman, ALI; bob@autolift.org

Send comments (with copy to BSR) to: Same

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

Supplements

BSR/ASHRAE 135j-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (supplement to ANSI/ASHRAE 135-2004)

This proposed addendum adds:

- a new Access Point object type;
- a new Access Zone object type;
- a new Access User object type;
- a new Access Rights object type;
- a new Access Credential object type;
- a new Authentication Factor Input object type; and
- a new ACCESS_EVENT event algorithm.

Single copy price: Free

Obtain an electronic copy from:

<http://www.ashrae.org/technology/page/331>

Order from: Beverly Fulks, ASHRAE; standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 493-200x, Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems (new standard)

Presents the fundamentals of reliability analysis applied to the planning and design of industrial and commercial electric power distribution systems. Intended audience for this material is primarily consulting engineers and plant electrical engineers and technicians.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1502-2007, Recommended Practice for Radar Cross Section Test Procedures (new standard)

Describes the process of the measurement of the radar cross section of objects using a test range. The term "radar cross section" is defined and the characteristics of different types of test ranges are given.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1615-2007, Recommended Practice for Network Communication in Electric Power Substations (new standard)

Explains recommended practices for communication and interoperation of devices connected on an electric power substation internet protocol (IP) network. For the power engineer new to IP networking, it provides an introduction to the concepts that need to be mastered as well as specific recommendations to follow when deploying the techniques. For equipment manufacturers and system integrators, it provides direction and requirements to facilitate interoperable electric utility information networks.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.013a-2007, Standard for AC High Voltage Generator Circuit Breakers Rated on a Symmetrical Current Basis - Amendment 1: Supplement for Use with Generators Rated 10-100 MVA (new standard)

Addresses the specific requirements relative to ac high-voltage generator circuit breakers intended for use with generators rated between 10 MVA and 100 MVA.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.116-200x, Guide for Protective Relay Application to Transmission-Line Series Capacitor Banks (new standard)

Covers the application of protective relays on transmission-line series capacitor banks. The purpose of the standard is to provide the reader with ample discussion of the protection and control issues related to series capacitor bank installations.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C62.72-2007, Guide for the Application of Surge Protective Devices for Low Voltage (1000 Volts or Less) AC Power Circuits (new standard)

Information is provided to specifiers and users of surge protective devices (SPDs) about the application considerations associated with power distribution systems within North America. Applies to SPDs to be connected to the load side of the service entrance main over current protective device of 50 Hz or 60 Hz ac power circuits rated at 100 -1000 Vrms.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Revisions

BSR/IEEE 525-200x, Guide for the Design and Installation of Cable Systems in Substations (revision of ANSI/IEEE 525-1993 (R1999))

The document is a guide for the design, installation, and protection of insulated wire and cable systems in substations with the objective of minimizing cable failures and their consequences.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Supplements

BSR/IEEE 269a-200x, Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets - Amendment 1 (supplement to ANSI/IEEE 269-2002)

Brings the standard into agreement with recent changes in some test transducers and their applications.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 802.17b-200x, Information Technology - Telecommunications and Information Exchange Between Systems - LAN/MAN - Specific Requirements - Part 17: Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications - Amendment 1: Spatially Aware Sublayer (supplement to ANSI/IEEE 802.17-2004)

Enables a Service Provider to use the architecture and protocols of IEEE Std 802.17-2004 to offer improvements in bandwidth utilization, by means of spatial reuse, for applications of resilient packet ring (RPR) that involve bridging clients.

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1076c-200x, Standard VHDL Language Reference Manual - Amendment 1: Procedural Language Application Interface (supplement to ANSI/IEEE 1076-2002)

Amends the existing IEEE 1076-2002 (VHDL) standard by adding a simulation runtime application interface (VHDL Programming Interface or VHPI).

Single copy price: N/A

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Reaffirmations

BSR/IEEE C37.112-1996 (R200x), Standard Inverse-Time Characteristic Equations for Overcurrent Relays (reaffirmation of ANSI/IEEE C37.112-1996 (R2001))

The inverse-time characteristics of overcurrent relays are defined. Reviews various existing analytic techniques used to represent relay operating characteristic curve shapes and proposes analytical (formula) representation of typical operating characteristic curve shapes to foster some standardization of available inverse-time relay characteristics provided in microprocessor or computer relay applications.

Single copy price: \$86.00 (Non-members); \$69.00 (IEEE Members)

Order from: IEEE Customer Service; <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Projects Withdrawn from Consideration

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

ASABE (American Society of Agricultural and Biological Engineers)

- ★ BSR/ASABE S441.4-200x (ISO 11684-1995), Tractors, machinery for agricultural and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles (Adopt international standard with modifications)

BSR/ASABE/ISO 5673-1-200x, Agricultural tractors and machinery - Power take-off drive shafts and power-input connection - Part 1: General manufacturing and safety requirements (identical national adoption of ISO 5673-1:2005)

Call for Comment Contact Information

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

Order from:

AAMI

Association for the Advancement
of Medical Instrumentation
(AAMI)
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793
Web: www.aami.org

ALI

Automotive Lift Institute
PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Phone: (607) 756-7775
Fax: (607) 756-0888
Web: www.autolift.org

ASHRAE

American Society of Heating,
Refrigerating and
Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME

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

ATIS

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

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (800) 443-9353 x451
Fax: (800) 443-5951
Web: www.aws.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515

Global Engineering Documents

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

IEEE

Institute of Electrical and
Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

MedBiq

MedBiquitous Consortium
401 E. Pratt Street, Suite 1700
Baltimore, MD 21202
Phone: (410) 385-2367 ext. 137
Fax: (410) 385-6055
Web: www.medbiq.org

Send comments to:

AAMI

Association for the Advancement
of Medical Instrumentation
(AAMI)
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x251
Fax: (703) 276-0793
Web: www.aami.org

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Air-Conditioning Engineers, Inc.
1791 Tullie Circle, N.E.
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME

American Society of Mechanical
Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7021
Fax: (212) 591-8501
Web: www.asme.org

ASSE

American Society of Safety
Engineers
1800 East Oakton Street
c/o CoPS
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221

ATIS

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

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443 9353 Ext. 466
(800) 443 9353 Ext. 466
Fax: (305) 443-5951
Web: www.aws.org

IEEE

Institute of Electrical and
Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

ITI (INCITS)

INCITS Secretariat/ITI
1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

MedBiq

MedBiquitous Consortium
401 E. Pratt Street, Suite 1700
Baltimore, MD 21202
Phone: (410) 385-2367
Fax: (410) 385-6055
Web: www.medbiq.org

NEMA

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3236
Fax: (703) 841-3336

NGA

National Glass Association
6225 Mifflin Avenue
Harrisburg, PA 17111
Phone: 717-558-0939
Fax: 717-558-0939
Web: www.glass.org

TIA

TIA
2500 Wilson Blvd
Arlington, VA 22201
Phone: 703 907-7974
Fax: 703 907-7728
Web: www.tiaonline.org

UL-CA

Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6500
Fax: (408) 689-6500

UL-IL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850

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.

AGA (ASC Z380) (American Gas Association)

Revisions

ANSI/GPTC Z380.1-2003, Addendum No. 7-2007, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2003): 3/9/2007

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B107.44-2007, Chisels - Glaziers, Wood, Ripping, Flooring/Electricians (revision, redesignation and consolidation of ANSI/ASME B107.44M-2002 and ANSI/ASME B107.45M-2002): 3/9/2007

ASTM (ASTM International)

Revisions

ANSI/ASTM F718-2007, Specification for Shipbuilders and Marine Paints and Coatings Product/procedure Data Sheet (revision of ANSI/ASTM F718-2000 (R2005)): 3/6/2007

ANSI/ASTM F1361-2007, Test Method for Performance of Open Deep Fat Fryers (revision of ANSI/ASTM F1361-2005): 3/6/2007

ANSI/ASTM F2144-2007, Test Method for Performance of Large Open Vat Fryers (revision of ANSI/ASTM F2144-2005): 3/6/2007

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.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

E-mail: vangilder@asabe.org

BSR/ASAE S424.2-200x, Method of Determining and Expressing Particle Size of Chopped Forage Materials by Screening (revision of ANSI/ASAE S424.1-SEP92 (R2007))

Stakeholders: Forage growers and users.

Project Need: To include an alternate method for particle size characterization.

Defines a test procedure to determine the particle size distribution of chopped forage materials and defines a method of expressing the particle length of the material.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

BSR X9.44-200x, Key Establishment Using Integer Factorization Cryptography (new standard)

Stakeholders: Financial services industry.

Project Need: To specify standard key establishment schemes using integer factorization cryptography.

Specifies key establishment schemes using public-key cryptography based on the integer factorization problem. Both key agreement and key transport schemes are specified.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBOX@asme.org

BSR/ASME B107.52-200x, Nail Puller and Pry Bars (revision, redesignation and consolidation of ANSI/ASME B107.52M-1998 and ANSI/ASME B107.60-2004)

Stakeholders: Manufacturers, suppliers, and users of nail puller and pry bars.

Project Need: To combine Nail-Puller Bars (formerly covered in B107.52M) with Pry Bars, B107.60-2004. The Classification system has been revised to cover both groups of tools.

Provides performance and safety requirements for nail-puller bars intended primarily for use in extracting nails and for pry bars that are intended for separating, prying, ripping, lifting, scraping, and aligning applications.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Fax: (919) 549-8288

E-mail: crobinson@ISA.org

BSR/ISA 76.00.02-200x, Modular Component Interfaces for Surface-Mount Fluid Distribution Components - Part 1: Elastomeric Seals (revision of ANSI/ISA 76.00.02-2002)

Stakeholders: Industry sectors that use process analyzers and sampling handling systems.

Project Need: To update current standard to reflect new technology developments.

Establishes properties and physical dimensions that define the interface for surface-mount fluid distribution components with elastomeric sealing devices used within process analyzer and sample-handling systems. The interface controls the dimensions and location of the sealing surfaces to allow change of just one element of the system without modification of the entire system, making the system modular from both a design and a maintenance standpoint.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Contact: *Randolph Roy*

Fax: (703) 841-3377

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

BSR ANSLG C78.380-200x, High-Intensity Discharge Lamps, Method of Designation (revision of ANSI C78.380-2005)

Stakeholders: Manufacturers.

Project Need: This standard is needed as a revision of ANSI C78.380-2005.

Describes a system for the designation of high-intensity discharge lamps, including compact, enclosed-arc discharge light sources such as mercury, metal halide, high-pressure sodium, and similar types of lamps.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201

Contact: *Marianna Kramarikova*

Fax: 703-907-7728

E-mail: mkramarikova@tiaonline.org

BSR/TIA 492AAAB-A-200x, Detail Specification for 50-um Core Diameter/125-um Cladding Diameter Class Ia Graded-Index Multimode Optical Fibers (revision of ANSI/TIA 492AAAB-1998)

Stakeholders: Telecommunications Industry Association.

Project Need: To provide a Detail Specification that applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

Applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

BSR/TIA 492AAAC-B-200x, Detail specification for 850-nm laser-optimized, 50-micrometer core diameter/125-micrometer cladding diameter class Ia graded-index multimode optical fibers (new standard)

Stakeholders: Telecommunications Industry.

Project Need: To provide a Detail Specification that applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

Applies to class Ia, graded-index, 50/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

BSR/TIA 492AAAA-B-200x, Detail Specification for 62.5-um Core Diameter/125-um Cladding Diameter Class Ia Graded-Index Multimode Optical Fibers (new standard)

Stakeholders: Telecommunications Industry

Project Need: To provide a Detail Specification that applies to class Ia, graded-index, 62.5/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

This Detail Specification applies to class Ia, graded-index, 62.5/125 micrometer multimode optical fiber used as a component in the manufacture of fiber-optic cable.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMVA
- AGRSS, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

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

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

ISO and IEC Draft International Standards



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

Comments

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

Ordering Instructions

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

ISO Standards

CEMENT AND LIME (TC 74)

ISO/DIS 679, Methods of testing cements - Determination of strength - 6/6/2007, \$93.00

ISO/DIS 863, Methods of testing cement - Pozzolanicity test for pozzolanic cements - 6/6/2007, \$53.00

ISO/DIS 9597, Methods of testing cement - Determination of setting time and soundness - 6/6/2007, \$53.00

ISO/DIS 29581-1, Methods of testing cement - Chemical analysis - Part 1: Determination by wet chemistry - 6/6/2007, \$112.00

ISO/DIS 29582-1, Methods of testing cement - Determination of the heat of hydration - Part 1: Solution method - 6/6/2007, \$58.00

ISO/DIS 29582-2, Methods of testing cement - Determination of the heat of hydration - Part 2: Semi-adiabatic method - 6/6/2007, \$71.00

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

ISO/DIS 10190, Motor cycle chains - Characteristics and test methods - 6/13/2007, \$67.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 12500-3, Filters for compressed air - Test methods - Part 3: Particulates - 6/13/2007, \$71.00

EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 15143-1, Worksite data controlled earth-moving operation - Part 1: System architecture - 6/16/2007, \$134.00

ISO/DIS 15143-2, Worksite data controlled earth-moving operation - Part 2: Data dictionary - 6/16/2007, \$125.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 4411, Hydraulic fluid power - Valves - Determination of pressure differential/flow characteristics - 6/13/2007, \$53.00

FREIGHT CONTAINERS (TC 104)

ISO/DIS 1496-2, Series 1 freight containers - Specification and testing - Part 2: Thermal containers - 6/16/2007, \$125.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 16402, Implants for surgery - Acrylic resin cement - Flexural fatigue testing of acrylic resin cements used in orthopaedics - 6/13/2007, \$46.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-223, Industrial automation systems and integration - Product data representation and exchange - Part 223: Application protocol: Exchange of design and manufacturing product information for cast parts - 6/16/2007, FREE

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

ISO 10147/DAMd1, Pipes and fittings made of crosslinked polyethylene (PE-X) - Estimation of the degree of crosslinking by determination of the gel content - 6/13/2007, \$29.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 24699, Rubber and rubber products - Environmental aspects - General guidelines for their inclusion in standards - 6/13/2007, \$53.00

IEC Standards

20/879/FDIS, IEC 60287-3-3 Ed.1: Electric cables - Calculation of the current rating - Part 3-3: Sections on operating conditions - Cables crossing external heat sources, 04/27/2007

86B/2495/FDIS, IEC 62005-9-2 Ed. 1.0: Reliability of fibre optic interconnecting devices and passive optical components - Part 9-2: Reliability qualification for single fibre optic connector sets - Single mode, 04/27/2007

45/642/FDIS, IEC 60412 Ed.2: Nuclear instrumentation - Scintillation detectors - Nomenclature (Identification) - Standard dimensions of scintillators, 05/04/2007

61J/252/FDIS, IEC 60335-2-79-A2 Ed 2.0: Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, 05/04/2007

91/651/FDIS, IEC 60068-2-82, Ed. 1: Environmental testing - Part 2-82: Tests - Test Tx: Whisker test methods for electronic and electric components, 05/04/2007

- 91/652/FDIS, IEC 61192-5, Ed. 1: Workmanship requirements for soldered electronic assemblies - Part 5: Rework, modification and repair of soldered electronic assemblies, 05/04/2007
- 106/125/FDIS, IEC 62226-3-1: Exposure to electric or magnetic fields in the low and intermediate frequency range - Methods for calculating the current density and internal electric field induced in the human body. Part 3-1: Exposure to electric fields - Analytical and 2D numerical models, 05/04/2007
- 18/1052/FDIS, IEC 61892-4 Ed.1: Mobile and fixed offshore units - Electrical installations - Part 4: Cables, 05/11/2007
- 86B/2508/FDIS, IEC 61300-2-49 Ed. 1.0: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-49: Tests - Connector Installation Test, 05/11/2007
- 86B/2509/FDIS, IEC 61300-2-50 Ed. 1.0: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load - Singlemode and multimode, 05/11/2007
- 86B/2510/FDIS, IEC 61300-2-51 Ed. 1.0: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-51: Tests - Fibre optic connector test for transmission with applied tensile load - Singlemode and multimode, 05/11/2007



Newly Published ISO Standards

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

ACOUSTICS (TC 43)

[ISO 1996-2:2007](#), Acoustics - Description, measurement and assessment of environmental noise - Part 2: Determination of environmental noise levels, \$112.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 11868:2007](#), Heat-treated milk - Determination of lactulose content - Method using high-performance liquid chromatography, \$54.00

BUILDING ENVIRONMENT DESIGN (TC 205)

[ISO 16484-5:2007](#), Building automation and control systems - Part 5: Data communication protocol, \$279.00

ESSENTIAL OILS (TC 54)

[ISO 212:2007](#), Essential oils - Sampling, \$35.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

[ISO 16110-1:2007](#), Hydrogen generators using fuel processing technologies - Part 1: Safety, \$150.00

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

[ISO 10441:2007](#), Petroleum, petrochemical and natural gas industries - Flexible couplings for mechanical power transmission - Special-purpose applications, \$131.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

[ISO 18515:2007](#), Carbonaceous materials for the production of aluminium - Cathode blocks and baked anodes - Determination of compressive strength, \$35.00

PLASTICS (TC 61)

[ISO 15033:2007](#), Plastics - Determination of caprolactam and its cyclic and linear oligomers by HPLC, \$61.00

[ISO 17194:2007](#), Structural adhesives - A standard database of properties, \$41.00

ROAD VEHICLES (TC 22)

[ISO 15500-20:2007](#), Road vehicles - Compressed natural gas (CNG) fuel system components - Part 20: Rigid fuel line in material other than stainless steel, \$35.00

STEEL (TC 17)

[ISO 4996:2007](#), Hot-rolled steel sheet of high yield stress structural quality, \$48.00

[ISO 4997:2007](#), Cold-reduced carbon steel sheet of structural quality, \$48.00

TEXTILES (TC 38)

[ISO 23733:2007](#), Textiles - Chenille yarns - Test method for the determination of linear density, \$48.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 23279:2007](#), Non-destructive testing of welds - Ultrasonic testing - Characterization of indications in welds, \$71.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TR 24098:2007](#), Intelligent transport systems - System architecture, taxonomy and terminology - Procedures for developing ITS deployment plans utilizing ITS system architecture, \$61.00

ISO Technical Specifications

DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO/TS 12029:2007](#), Electronic imaging - Forms design optimization for electronic image management, \$71.00

FIRE SAFETY (TC 92)

[ISO/TS 19700:2007](#), Controlled equivalence ratio method for the determination of hazardous components of fire effluents, \$107.00

GEOSYNTHETICS (TC 221)

[ISO/TS 19708:2007](#), Geosynthetics - Procedure for simulating damage under interlocking-concrete-block pavement by the roller compactor method, \$48.00

INTERNAL COMBUSTION ENGINES (TC 70)

[ISO/TS 23556:2007](#), Performance test method for diesel engine soot-removal devices in lubricating oils - Initial filtration efficiency, \$66.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 7816-13:2007](#), Identification cards - Integrated circuit cards - Part 13: Commands for application management in a multi-application environment, \$87.00

[ISO/IEC 8652/Amd1:2007](#), Information technology - Programming languages - Ada - Amendment 1, \$238.00

[ISO/IEC 13818-4/Cor1:2007](#), Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Corrigendum, FREE

[ISO/IEC 14496-22:2007](#), Information technology - Coding of audio-visual objects - Part 22: Open Font Format, \$279.00

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 11580:2007](#), Information technology - Framework for describing user interface objects, actions and attributes, \$66.00

Proposed Foreign Government Regulations

Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

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

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

Information Concerning

American National Standards

CLSI (Formerly NCCLS)

Standards Withdrawn

The following Clinical and Laboratory Standards Institute (formerly NCCLS) standards are hereby withdrawn accordance with 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements

ANSI/NCCLS NRSL13-A-2001, The Reference System for the Clinical Laboratory: Criteria for Development and Credentialing of Methods and Materials for Harmonization of Results; Approved Guideline

ANSI/NCCLS H7-A3-2001, Procedure for Determining Packed Cell Volume by the Microhematocrit Method

ANSI/NCCLS H15-A3-2001, Reference and Selected Procedures for the Quantitative Determination of Hemoglobin in Blood

ANSI/NCCLS LIS5-A-1997, Transferring Clinical Observations Between Independent Computer Systems, Specification for (14.01)

ANSI/NCCLS LIS8-A-2001, Functional Requirements of Clinical Laboratory Information Management Systems, Guide for (14.01)

ANSI/NCCLS LIS7-A-1999, Use of Bar Codes on Specimen Tubes in the Clinical Laboratory, Specification for (14.01)

ANSI/NCCLS LIS3-A-2002, Selection of a Clinical Laboratory Information Management System, Guide for (14.01)

ANSI/NCCLS LIS9-A-2000, Guide for Coordination of Clinical Laboratory Services Within the Electronic Health Record Environment and Networked Architectures

ANSI/NCCLS LIS4-A-2001, Guide for Documentation of Clinical Laboratory Computer Systems

Please direct inquiries to: Tracy Dooley, CLSI; tdooley@clsi.org.

NAHB Research Center

Request for Public Input on a Working Draft

National Green Building Standard (new standard)

Comment Deadline: April 15, 2007

This Standard provides criteria for rating the environmental performance of residential construction practices and provides guidelines for documentation that demonstrates conformance with the criteria. The intent of this Standard is to establish the minimum environmental performance levels required to qualify for one of the specified tiers of green building. The Standard addresses construction practices that impact lot development, resource efficiency, energy and water efficiency, indoor environmental quality, homeowner maintenance, and global impact. The green building practices are presented in a prescriptive or a performance-based format. The user is provided the flexibility to select among several prescribed techniques to obtain a minimum rating level.

The initial Working Draft of the Standard is currently posted for public input and is based on the Model Green Building Guidelines developed by the NAHB Research Center in 2005. The purpose of the public input request is to provide all interested parties with an opportunity to submit feedback on the working draft. This information will be used by the consensus committee in the development of the Standard. This is not a public review or comment process and responses will not be provided.

Obtain an electronic copy of the working draft from: www.nahbrc.org/gbstandard.

Submit proposals at: www.nahbrc.org/gbstandard.

Send questions to: gbstandard@nahbrc.org.

ANSI Accreditation Program for Third Party Personnel Certification Bodies

Initial Accreditations

American Society for Clinical Pathology (ASCP)

Comment Deadline: April 16, 2007

American Society for Clinical Pathology (ASCP)

33 W. Monroe St., Suite 1600
Chicago, IL 60603

On March 9, 2007, the ANSI Personnel Certification Accreditation Committee (PCAC) voted to approve initial accreditation for ASCP for the following scopes:

Medical Technologist, MT
Medical Laboratory Technician, MLT
Phlebotomy Technician, PBT

Please send your comments by April 16, 2007 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293 9287 or E-mail: swift@ansi.org.

International Organization for Standardization (ISO)

Proposal for New Fields of ISO Technical Work

Cross Border Trade of Second-Hand Goods

Comment Deadline: April 27, 2007

The ISO Committee on Consumer Policy (COPOLCO) has proposed a new work item for development of a new ISO Standard on Cross Border Trade of Second Hand Goods with the following scope statement:

The purpose of this project is to develop a standard that sets minimum criteria for Second-Hand Products that are being offered for sale, donated, exchanged, traded or purchased both locally and abroad. The intention of this proposal is to protect consumers' health and safety including the environment in which they interact.

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

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, scornish@ansi.org, by close-of-business, Friday, April 27, 2007 All comments received will be considered in the development of a proposed ANSI vote and comments that will be presented to the ANSI ISO Council for approval before submittal to ISO.

Consumer Product Recall and Corrective Action: Code of Good Practice

Comment Deadline: May 4, 2007

ISO's Committee on Consumer Policy (COPOLCO) has proposed a new work item proposal for an ISO standard on Consumer Product Recall and Corrective Action: Code of Good Practice, with the following scope statement:

This guidance standard would provide a model code of good practice for consumer product recalls, with corrective actions, including: repair; placement; repurchase, and public notice. Such corrective actions include a range of remedies affecting the product, including actions applying to product in the manufacturer's inventory, the distributor's inventory, on retail shelves and in consumer hands. This guidance standard would cover principles and provide practical guidance in establishing, implementing and managing an effective, flexible and responsive consumer product corrective action/recall program. This standard would also include guidance about what triggers a recall. It is proposed that this standard would apply to consumer products, including electrical and gas household appliances. However, it would not directly address products such as food, drugs, medical devices or automobiles as these categories of products are subject to highly developed regulatory requirements in many jurisdictions. However, the general principles could potentially be used by any consumer product sector. This standard is designed for use by: manufacturers, retailers, importers, testing organizations, providers of third-party recall services, legal firms, government regulators and consumer/safety organizations.

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

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, scornish@ansi.org, by close-of-business, Friday, May 4, 2007. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

ISO Guidance Standard on Consumer Product Safety: A Practical Guide for Suppliers

Comment Deadline: May 4, 2007

ISO's Committee on Consumer Policy (COPOLCO) has proposed a new work item proposal for an ISO guidance standard on Consumer Product Safety: A Practical Guide for Suppliers, with the following scope statement:

This proposal is intended to establish a consensus-based International Guidance Standard that will provide all those in the consumer product supply chain (including designers, manufacturers, importers, distributors, retailers, and other producers of consumers goods, as illustrated in Annex 1, with the practical tools to assist them in identifying, assessing and eliminating or reducing the risks associated with exposure to consumer products. The standard will provide guidance on how to carry out a systematic safety analysis of a consumer product or a product likely to be used by a consumer in order to assess the risks by identifying any associated hazards, the potential exposure of consumers to the hazard, and the consequences of that exposure. It will also aid them in determining, documenting and implementing the best approach to reducing the risks and consistently producing a safe product.

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

Responses on the proposal that are sent to Steven Cornish of ANSI via e-mail, scornish@ansi.org, by close-of-business, Friday, May 4, 2007. Comments received will be compiled and presented for the AIC's endorsement to be submitted to ISO.

U.S. Technical Advisory Groups

ISO TAG Accreditation Application

TC 232 – Educational Services

Comment Deadline: April 16, 2007

In accordance with a letter of intention and a commitment of support from ASTD – Workplace Learning & Performance, ANSI has submitted an application for accreditation for a proposed U.S. Technical Advisory Group (TAG) to the new ISO TC 232 on Educational Services, and for approval as U.S. TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities, as contained in Annex A of the ANSI Procedures for U.S. Participation in the International Standards Activities of ISO.

To offer comments, to obtain additional information or express interest in participating in the U.S. TAG, please contact: Ms. Rachel Howenstine, American National Standards Institute, 25 West 43rd Street, New York, NY 10036; PHONE: (212) 642-4938; E-mail: rhowenstine@ansi.org by April 16, 2007. Please copy the ExSC Recording Secretary in ANSI's New York Office (E-mail: jthompson@ansi.org; FAX: (212) 840-2298).

Transfer of TAG Administrator

ISO/TC 76 – Transfusion, Infusion and Injection Equipment for Medical and Pharmaceutical Use

The U.S. Technical Advisory Group to ISO/TC 76, Transfusion, infusion and injection equipment for medical and pharmaceutical use, has voted to approve the transfer of Administrator responsibilities from the Clinical and Laboratory Standards Institute (CLSI) to AABB (formerly the American Association of Blood Banks). The TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. This action is taken, effective March 16, 2007. For additional information, please contact: Mr. Eduardo Nunes, Director of Standards and International Affairs, AABB, 8101 Glenbrook Road, Bethesda, MD 20814-2749; PHONE: (301) 215-6504; FAX: (301) 657-0957; E-mail: eduardo@aabb.org.

Meeting Notices

ISO/TC 130/WG 5 – Safety and Ergonomics

ISO/TC 130/WG 5 (Safety and Ergonomics) will meet May 21-23 in San Antonio, Texas. This committee is working on a multi-part standard for the safety of equipment used in the printing, publishing and converting industries. For additional information, contact Mary Abbott, NPES, at mabbott@npes.org or (703) 264-7229.

Joint Meeting of CGATS SC3 (Metrology), CGATS SC4 (Process Control) and the US TAG to ISO TC 130 WG3 and WG4

A joint meeting of CGATS SC3 (Metrology), CGATS SC4 (Process Control) and the US TAG to ISO TC 130 WG3 and WG4 will be held June 25-26 in Grand Rapids, Michigan. This meeting is open to anyone having an interest. Users in the printing and publishing industry are especially encouraged to participate. For additional information, contact Mary Abbott, NPES, at mabbott@npes.org or (703) 264-7229.

ANSI-Accredited U.S. TAG to ISO/TC 229, Nanotechnologies

The eleventh meeting of the ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will take place March 21-22, 2007 at the offices of Sidley Austin in Washington DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

NAHB Research Center

Consensus Committee Meeting Announcement

National Green Building Standard (new standard)

The first meeting of the consensus committee on Green Building Standard will be held on April 19 and 20 in Washington, DC at the National Housing Center, 1201 15th Street, NW, Washington, DC 20005; (202) 266-8200.

This meeting will be open to the public. Attendance should be confirmed.

Obtain an electronic copy of preliminary agenda from:
www.nahbrc.org/gbstandard.

Confirm attendance: gbstandard@nahbrc.org.

Send questions: gbstandard@nahbrc.org.

BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 15-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum a to Standard 15-2007, *Safety Standard for Refrigeration Systems*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
Current Standard)

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BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 15-2007, *Safety Standard for Refrigeration Systems*
First Public Review Draft

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Foreword

The current version of ANSI/ASHRAE Standard 15-2007 provides guidance on the discharge location for pressure relief devices and fusible plugs that protect components from overpressure. Currently, there are several requirements that dictate that the discharge vent be to atmosphere; however, there are situations where a machinery room would be required but the provisions that trigger piping discharge lines to atmosphere may not apply. As a result, one could interpret that discharging lines into a machinery room would be permissible. This addendum revises the requirements for terminating relief vent discharge lines to atmosphere to include any system that requires a machinery room.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum a to 15-2007

Revise Paragraph 9.7.8 to read as follows:

~~9.7.8 Pressure relief devices and fusible plugs on any system containing a Group A3 or B3 refrigerant; on any system containing more than 6.6 lb (3 kg) of a Group A2, B1, or B2 refrigerant; and on any system containing more than 110 lb (50 kg) of a Group A1 refrigerant~~ For systems in which one or more of the following conditions apply, pressure relief devices and fusible plugs shall discharge to the atmosphere at a location not less than 15 ft (4.57 m) above the adjoining ground level and not less than 20 ft (6.1 m) from any window, ventilation opening, or exit in any building:

- (a) Any system containing a Group A3 or B3 refrigerant.
- (b) Any system containing more than 6.6 lb (3 kg) of a Group A2, B1, or B2 refrigerant.
- (c) Any system containing more than 110 lb (50 kg) of a Group A1 refrigerant.
- (d) Any system for which a Machinery Room is required by the provisions of 7.4.

The discharge shall be terminated in a manner that will prevent both the discharged refrigerant from being sprayed directly on personnel in the vicinity and foreign material or debris from entering the discharge piping. Discharge piping connected to the discharge side of a fusible plug or rupture member shall have provisions to prevent plugging the pipe in the event the fusible plug or rupture member functions.



BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum a to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
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FOREWORD

This addendum adds a designation of R-429A to the blend R-E170/152a/600a (60.0/10.0/30.0) with composition tolerances of ($\pm 1.0/\pm 1.0/\pm 1.0$), a safety classification of A3 and a RCL of 6,300 ppm, 13 g/m³, 0.81lb/Mcf.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum a to 34-2007

Add to Table 2 the following entries for R-429A:

Refrigerant Number = 429A

Composition (Mass %) = R-E170/152a/600a (60.0/10.0/30.0)

Composition Tolerances = ($\pm 1.0/\pm 1.0/\pm 1.0$)

Safety Group = A3

RCL = 6,300 (ppm v/v), 13 (g/m³), 0.81 (lb/Mcf)

BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum b to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
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BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum adds a designation of R-430A to the blend R-152a/600a (76.0/24.0) with composition tolerances of ($\pm 1.0/\pm 1.0$), a safety classification of A3 and a RCL of 8,000 ppm, 21 g/m³, 1.3 lb/Mcf.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum b to 34-2007

Add to Table 2 the following entries for R-430A:

Refrigerant Number = 430A

Composition (Mass %) = R-152a/600a (76.0/24.0)

Composition Tolerances = ($\pm 1.0/\pm 1.0$)

Safety Group = A3

RCL = 8,000 (ppm v/v), 21 (g/m³), 1.3 (lb/Mcf)



BSR/ASHRAE Addendum c
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum c to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
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FOREWORD

This addendum adds a designation of R-431A to the blend R-290/152a (71.0/29.0) with composition tolerances of ($\pm 1.0/\pm 1.0$), a safety classification of A3 and a RCL of 5,500ppm, 11g/m³, 0.69 lb/Mcf.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum c to 34-2007

Add to Table 2 the following entries for R-431A:

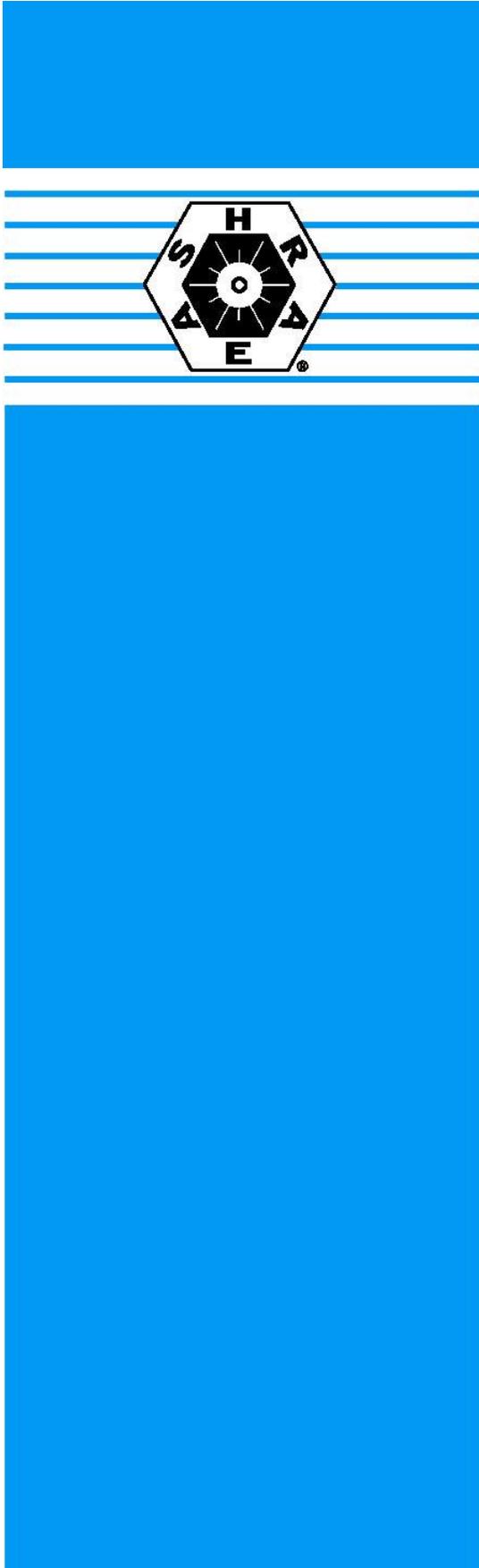
Refrigerant Number = 431A

Composition (Mass %) = R-290/152a (71.0/29.0)

Composition Tolerances = ($\pm 1.0/\pm 1.0$)

Safety Group = A3

RCL = 5,500 (ppm v/v), 11 (g/m³), 0.69 (lb/Mcf)



BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum d to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
Current Standard)

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FOREWORD

This addendum adds a designation of R-432A to the blend R-1270/E170 (80.0/20.0) with composition tolerances of ($\pm 1.0/\pm 1.0$), a safety classification of A3 and a RCL of 1,200 ppm, 2.1 g/m³, 0.13 lb/Mcf.

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Addendum d to 34-2007

Add to Table 2 the following entries for R-432A:

Refrigerant Number = 432A

Composition (Mass %) = R-1270/E170 (80.0/20.0)

Composition Tolerances = ($\pm 1.0/\pm 1.0$)

Safety Group = A3

RCL = 1,200 (ppm v/v), 2.1 (g/m³), 0.13 (lb/Mcf)



BSR/ASHRAE Addendum e
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum e to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
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FOREWORD

This addendum adds a designation of R-433A to the blend R-1270/290 (30.0/70.0) with composition tolerances of ($\pm 1.0/\pm 1.0$), a safety classification of A3 and a RCL of 3,100 ppm, 5.5 g/m³, 0.34 lb/Mcf.

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Addendum e to 34-2007

Add to Table 2 the following entries for R-433A:

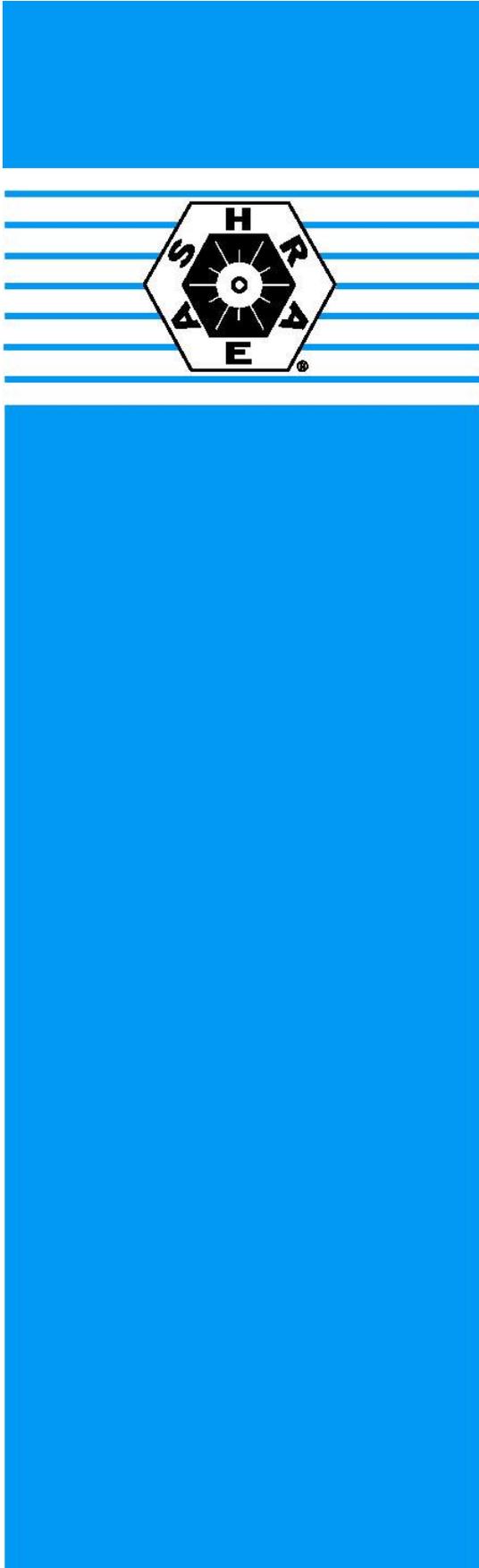
Refrigerant Number = 433A

Composition (Mass %) = R-1270/290 (30.0/70.0)

Composition Tolerances = ($\pm 1.0/\pm 1.0$)

Safety Group = A3

RCL = 3,100 (ppm v/v), 5.5 (g/m³), 0.34 (lbs/Mcf)



BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum f to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 2007)
(Draft Shows Proposed Changes to
Current Standard)

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

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum updates the RCL value for R-C318 in Table 1 to 80,000 ppm and adds RCL values for R-427A and R-428A in Table 2.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum f to 34-2007

Modify Table 1 for R-C318 as shown below:

RCL = ~~69,000~~ 80,000 (ppm v/v), ~~570~~ 660 (g/m³), ~~35~~ 41 (lb/Mcf)

Add RCL values to Table 2 for R-427A and R-428A as shown below:

R-427A

RCL = 76,000 (ppm v/v), 280 (g/m³), 18 (lb/Mcf)

R-428A

RCL = 83,000 (ppm v/v), 370 (g/m³), 23 (lb/Mcf)

BSR/ASHRAE/IESNA Addendum c
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum c to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

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1791 Tullie Circle, NE Atlanta GA 30329-2305



BSR/ASHRAE/IESNA Addendum c to ANSI/ASHRAE/IESNA Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
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FOREWORD

Some facilities covered by Standard 90.1 are challenged to demonstrate compliance with fan power limitations requirements of 90.1 while including design features protecting the safety of inhabitants and compliance of other applicable standards, codes, laws, or regulations. These facilities often require compliance with NIH, NFPA, and other standards with air control and conditioning more stringent than 90.1 and 62.1 requirements. An example of these facilities is vivariums. In ASHRAE Standard 90.1-2004 section 6.5.2.3. exception (d) this application was not included. This addendum adds vivariums to the list of spaces that require specific humidity levels to satisfy process needs.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum c to 90.1-2007

Revise the exceptions in Section 6.5.2.3 as follows (I-P and S-I units)

Section 6.5.2.3.

Exceptions to 6.5.2.3

- (d) Systems serving spaces where specific humidity levels are required to satisfy process needs such as vivariums, museums, surgical suites and buildings with refrigerating systems such as supermarkets, refrigerated warehouses and ice arenas. This exception also applies to other applications for which fan volume controls in accordance with Exception (a) are proven to be impractical to the enforcement agency.

The remainder of Section 6.5.2.3 remains unchanged.



BSR/ASHRAE/IESNA Addendum b
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum b to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

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FOREWORD

Some facilities covered by Standard 90.1 are challenged to demonstrate compliance with fan power limitations requirements of 90.1 while including design features protecting the safety of inhabitants and compliance of other applicable standards, codes, laws, or regulations. These facilities often require compliance with NIH, NFPA, and other standards with air control and conditioning more stringent than 90.1 and 62.1 requirements. An example of these facilities is vivariums. In exception section 6.5.2.3 (a) of ASHRAE Standard 90.1-2004 the reference to the requirements of 62.1 as the minimum ventilation required is an example of this conflict. This addendum corrects the reference by eliminating the specific section and denoting only ASHRAE Standard 62.1 and allows for another, higher outdoor ventilation rate to be set by the regulating body for these specific applications.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum b to 90.1-2007

Revise the exceptions in Section 6.5.2.3 as follows (I-P and S-I units)

Section 6.5.2.3.

Exceptions to 6.5.2.3

- (a) The system is capable of reducing supply air volume to 50% or less of the design airflow rate or the minimum outdoor air ventilation rate specified in ~~6.2 of~~ ASHRAE Standard 62.1 or other applicable federal, state or local code or recognized standard, whichever is larger, before simultaneous heating and cooling takes place.

The remainder of Section 6.5.2.3 remains unchanged.



BSR/ASHRAE/IESNA Addendum a
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FOREWORD

Efficiency and certification requirements for open cooling towers were first incorporated into the 2001 Edition of Standard 90.1. At the time, closed circuit cooling towers were known as “fluid coolers” with no established certification program and were not covered by these requirements. Since then however, fluid coolers have become known as “closed circuit cooling towers” and the Cooling Technology Institute adopted a certification standard that covers this equipment. This has led to confusion in the industry with Consulting Engineers and Inspectors on occasion trying to apply the current open circuit cooling tower requirements in the Standard to closed circuit cooling towers. This proposed addendum seeks to clarify that the current cooling tower requirements in the Standard apply to open circuit cooling towers only, until such time that separate requirements for closed circuit cooling towers are established in the Standard.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and strikethrough (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum a to 90.1-2007

Revise Table 6.8.1G as follows (I-P units)

TABLE 6.8.1G Performance Requirements for Heat Rejection Equipment

Equipment Type ^d	Total System Heat Rejection Capacity at Rated Conditions	Subcategory or Rating Condition	Performance Required ^{a,b}	Test Procedure ^c
Propeller or Axial Fan <u>Open</u> Cooling Towers	All	95°F Entering Water 85°F Leaving Water 75°F wb <i>Outdoor air</i>	≥38.2 gpm/hp	CTI ATC-105 and CTI STD-201
Centrifugal Fan <u>Open</u> Cooling Towers	All	95°F Entering Water 85°F Leaving Water 75°F wb <i>Outdoor air</i>	≥20.0 gpm/hp	CTI ATC-105 and CTI STD-201

BSR/ASHRAE/IESNA Addendum a to ANSI/ASHRAE/IESNA Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
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Air-Cooled Condensers	All	125°F Condensing Temperature R-22 Test Fluid 190°F Entering Gas Temperature 15°F Subcooling 95°F Entering db	≥176,000 Btu/h-hp	ARI 460
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^a For purposes of this table, *open cooling tower performance* is defined as the ~~maximum~~ flow rating of the tower at the thermal rating condition listed in Table 6.8.1G divided by the fan nameplate rated motor power.

^b For purposes of this table, *air-cooled condenser performance* is defined as the heat rejected from the refrigerant divided by the fan nameplate rated motor power.

^c Section 12 contains a complete specification of the referenced test procedure, including the referenced year version of the test procedure.

^d The efficiencies for open cooling towers listed in Table 6.8.1G are not applicable for closed-circuit cooling towers.

Revise Table 6.8.1G as follows (S-I units)

TABLE 6.8.1G Performance Requirements for Heat Rejection Equipment

Equipment Type ^d	Total System Heat Rejection Capacity at Rated Conditions	Subcategory or Rating Condition	Performance Required ^{a,b}	Test Procedure ^c
Propeller or Axial Fan <u>Open</u> Cooling Towers	All	35°C Entering Water 29°C Leaving Water 24°C wb <i>Outdoor air</i>	≥3.23 L/s-kW	CTI ATC-105 and CTI STD-201
Centrifugal Fan <u>Open</u> Cooling Towers	All	35°C Entering Water 29°C Leaving Water 24°C wb <i>Outdoor air</i>	≥1.7 L/s-kW	CTI ATC-105 and CTI STD-201
Air-Cooled Condensers	All	52°C Condensing Temperature R-22 Test Fluid 88°C Entering Gas Temperature 8°C Subcooling 35°C Entering db	≥69 COP	ARI 460

^a For purposes of this table, *open cooling tower performance* is defined as the ~~maximum~~ flow rating of the tower at the thermal rating condition listed in Table 6.8.1G divided by the fan nameplate rated motor power.

^b For purposes of this table, *air-cooled condenser performance* is defined as the heat rejected from the refrigerant divided by the fan nameplate rated motor power.

^c Section 12 contains a complete specification of the referenced test procedure, including the referenced year version of the test procedure.

^d The efficiencies for open cooling towers listed in Table 6.8.1G are not applicable for closed-circuit cooling towers.

A112.3.1 (February 2007 Draft Changes)

1.1 Scope

This Standard establishes material, dimensions, mechanical, and physical (including marking) requirements for socket-type, seam-welded, stainless steel pipe, fittings, joints, and drains for use in plumbing sanitary and storm, drain, waste and vent (DWV), and vacuum, and chemical waste systems...

2.17 Internal Sealing Ring (O-Ring)

Different sealing ring materials shall be permitted to accommodate various applications in accordance with the manufacturer's instructions. ~~Thermoset elastomeric shall be of EPDM, NBR, and FPM.~~ Material shall be marked or color coded by the manufacturers as acceptable to identify. ~~All seal material shall comply with applicable physical requirements of ASTM F477.~~

3.5 Internal Sealing Ring (O-Ring)

3.5.1 Test Methods and Performance Requirements. Elastomeric sealing rings shall comply with the following:

- (a) elongation shall be a minimum of 250% when tested in accordance with ASTM D412;
- (b) tear resistance shall be a minimum of 150 lb/in. when tested in accordance ASTM D624 using Die c;
- (c) resistance to heat aging shall be determined as follows when conditioned in accordance with ASTM D573 at 70 ± 2 °C for 96 ± 0.5 H;
 - (1) Maximum increase in hardness of 10 points when tested in accordance with ASTM D2240 (Shore A durometer);
 - (2) Maximum loss in tensile strength of 15% when tested in accordance with ASTM D412; and
 - (3) Maximum loss in elongation of 20% when tested in accordance with ASTM D412.
- (d) water absorption as measured by the change in mass of the specimen shall not exceed 20% when tested in accordance with ASTM D471 at 70 ± 2 °C for 116 ± 1.5 H using distilled water as a standard test liquid.
- (e) the elastomer shall exhibit no cracking at 2X magnification when tested in accordance with ASTM D1149 (Specimen A) at 40 ± 1 °C for 100 ± 1 H in an ozone concentration of 0.5 ppm (volume \pm ratio).
- (f) the volume increase of the specimen due to immersion in ASTM oil IMR 903 shall be not more than 80% when tested in accordance with ASTM D471 at 40 ± 2 °C for 70 ± 0.5 hr.

~~3.6 Chemical Resistance Test.~~

~~Six specimens approximately 150mm (6 inches) long shall be tested. Each specimen shall be sealed with a standard plug on one end. The upper end of the test specimen shall be joined to a fitting according to manufactures instructions. The test specimen shall be completely filled with the chemicals listed in table 2 below for a period of 72 ± 1 hours. The fitting joint shall be inspected for leaking. After removing chemicals, the specimen shall be washed immediately with ambient tap water (3.0 gpm maximum flow) for 1 minute and wiped with a clean dry cloth. The surface of the specimen shall be examined visually for perforations. The specimen may then be cut longitudinally to facilitate examination of the interior surface. The material alloy and gasket material shall be recorded in the test report.~~

~~3.7.1 Chemical Resistance Test Performance Requirement. The fitting joint shall not leak at any time after being filled with the chemicals and prior to removal of the chemicals. There shall be no perforation of the system. No pitting or other localized corrosion damage to a depth greater than 0.10 mm (0.004 in.).~~

A112.3.1 (February 2007 Draft Changes)

Table 2 - Chemicals for Use in Chemical Resistance Test

Acetic Acid	5%
Household detergent	5%
Hydrochloric Acid	0.2N
Ivory soap	5%
Kerosene	5%
Raw Sewage undiluted	Any random source
Sodium Carbonate	0.1N
Sodium chloride	5%
Sodium hydroxide	0.2N
Sodium sulfate	0.1N
Sulfuric acid	0.1N

A1 GENERAL

The installation and handling of Type 304 and 316L stainless steel drain, waste, and vent (DWV) pipe, and fittings, for sanitary, storm, and vacuum, ~~and chemical~~ use shall be installed in accordance with the manufacturer's installation recommendations.

BSR/ASSE Z359.2-200x

- Eliminate the last sentence in 3.2.2.7a: “The angle at rest....30 degrees after the torso comes to rest”
- For Sections E3.2.2.4a and E2.2.5a Change phrase “Frontal D-Ring attachment” to “Frontal attachment element”

BSR/NGA R1.1-200x Repair of Laminated Automotive Glass Standard (ROLAGS)

Based upon comments received during the comment period that ended December 12, 2005, the following substantive changes to ROLAGS are being proposed.

The dimensions of a combination break, crack and starbreak have been changed. In addition, surface pits have been added to section 6.0 Damage Types and Repairable Dimensions:

6.2 Combination break: Diameter of body (excluding legs) not to exceed 2 inches (50 mm)

6.3 Crack: No longer than 14 inches (350 mm)

6.5 Star break: Diameter of the break not to exceed 3 inches (75 mm)

6.6 Surface Pit: Damage with a diameter of not less than 1/8 inch (3 mm)

All tests from ANSI Z26.1-1996 were removed from the document in section 11 and replaced by referencing tests from the Australian/New Zealand Standard (AS/NZS 2366.2:1999 as follows:

11.5 To be recognized as conforming to this Standard, the resin manufacturer shall:

11.5.1 Be able to submit test results from an independent laboratory showing that resins meet AS/NZS 2366.2:1999 which is hereby incorporated as a normative reference with the following changes:

11.5.1.1 Section 2, APPLICABILITY, shall not be in force. Rather, the applicable sections of AS/NZS 2366.2:1999 will apply to the repair of laminated auto glass complying with ANSI Z26.1-1999 and all applicable Federal Motor Vehicle Safety Standards

11.5.1.2 In Section 5, PRINCIPAL CHARACTERISTICS OF A WINDSCREEN REPAIR SYSTEM, only characteristics (a),(c), and (d) of Clause 5.2 will apply. A change in characteristics (c), and (d) of Clause 5.2 will imply a new system in need of testing

11.5.1.3 Section 6, CATEGORIES OF DAMAGE, will not be in force. Rather, the testing standard will apply to the corresponding damage categories and size limitations as laid out in Section 6 of this Standard

11.5.1.4 Table I, SCHEDULE OF TESTS AND TYPES OF DAMAGE FOR EACH TEST, will be ended such that upper size limits in Categories A and B reflect those laid out in ROLAGS. For Category C, "L" shall be equal to the upper limit on repairable crack length as laid out in Section 6 of this Standard



Acoustical Society of America

OFFICE OF THE
STANDARDS SECRETARIAT

Susan Blaeser
Standards Manager

35 Pinelawn Road, Suite 114 E, Melville, NY 11747

Telephone (631) 390-0215
Fax (631) 390-0217
E-mail asastds@aip.org

March 7, 2007

Accredited Standards Committee S3, Bioacoustics, will publish an erratum for

ANSI S3.22-2003 American National Standard Specification of Hearing Aid Characteristics

In clause **6.11, Harmonic distortion**, two equations are shown with a " v " where a square root sign " $\sqrt{\quad}$ " should appear.

The equations should read:

$$a) \% THD = 100 \sqrt{([p_2^2 + p_3^2 + p_4^2 + \dots] / p_1^2)}$$

$$b) \% THD = 100 \sqrt{([p_2^2 + p_3^2 + p_4^2 + \dots] / [p_1^2 + p_2^2 + p_3^2 + p_4^2 \dots])}$$

Inquiries may be directed to Susan Blaeser, Acoustical Society of America, asastds@aip.org. 631 390-0215.