



STANDARDS ACTIONS

Important Information Regarding the Development of ASHRAE Standards and Guidelines

PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited on the following Public Review Draft. Public Review Drafts can be accessed by going to ASHRAE's Standards, Research & Technology/ Public Review Drafts web page and following the instructions to access the online comment database, or click on the following link: <http://www.ashrae.org/standards-research-technology/public-review-drafts>. All activity for reviewing and commenting on public review drafts can be accomplished completely online within this site. A login is required to complete the comment process. Please see the website for additional information. To obtain a paper copy of any Public Review Draft contact—ASHRAE, Inc. Attn: Standards Public Review, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305 or email: standards.section@ashrae.org.
Note: Paper copies are available for \$35.00/copy if 100 pages or less and \$45.00 if over 100 pages.

**45-Day Public Review from
February 3, 2012 to March 19, 2012**

- ♦ **1st Public Review of BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 15-2010, *Safety Standard for Refrigeration Systems***

This addendum modifies and clarifies the requirements for discharge of pressure relief devices, including where refrigerant may be safely discharged in the event of a release.

CALL FOR MEMBERS

A *Call for Members* is announced for the committee indicated below. Persons who are interested in serving on this ASHRAE committee are asked to indicate their interest and obtain the necessary membership forms by clicking on the following link: <http://www.ashrae.org/standards-research-technology/standards-forms--procedures> or by contacting Stephanie Reiniche at: ASHRAE, 1791 Tullie Circle, N.E., Atlanta, GA 30329-2305; phone: 678-539-1143; fax: 678-539-2143; email: Standards.Section@ashrae.org.

- ♦ **SPC 171-2008R, *Method of Test of Seismic Restraint Devices for HVAC&R Equipment***

PUBLICATION NOTICE

The standards documents listed below are now available. Standards and Guidelines may be purchased on our website by clicking on the following link: http://www.techstreet.com/lists/ashrae_standards.tmpl?utm_source=ashrae.org&utm_medium=landingpagelink&utm_campaign=ashrae.org&ashrae_auth_token= or by contacting the Sales Department at: ASHRAE, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Email: orders@ashrae.org. Fax: 404-321-5479. Telephone: 404.636.8400 (worldwide) or toll free at 1.800.527.4723 for orders in the U.S. and Canada. Addenda may be downloaded for free at: [ASHRAE Standards Addenda](#).

- ♦ **ANSI/ASHRAE Standard 140-2011, *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs***

ERRATA

A new errata sheet for the Standards listed below are now available for free download at: <http://www.ashrae.org/standards-research--technology/standards-errata>.

- ♦ **ANSI/ASHRAE STANDARD 135-2010, *BACnet – A Data Communication Protocol for Building Automation and Control Networks*, dated January 25, 2012.**
- ♦ **ANSI/ASHRAE/USGBC/IES STANDARD 189.1-2009, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings*, dated January 27, 2012.**
- ♦ **ANSI/ASHRAE/USGBC/IES STANDARD 189.1-2011, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings*, dated January 27, 2012.**



STANDARDS ACTIONS

Important Information Regarding the Development of ASHRAE Standards and Guidelines

DISCONTINUANCE

BSR/ASHRAE Addendum *g* to ANSI/ASHRAE Standard 62.1-2010, *Ventilation for Acceptable Indoor Air Quality*, has been DISCONTINUED. As a result of comments received during the first public review and further discussion within the project committee, SSPC 62.1 voted to rescind its previous vote for publication and to discontinue Addendum 62.1g.

Currently users are directed by Note 6 that for space types that are not listed in Table 6-1 they should select the space type from Table 6-1 that is most similar to the space being designed. However, some space types are actually ventilated using the exhaust ventilation requirements of Section 6.5 and Table 6-4. This proposed addendum would have added language directing the user to select the space type that is most similar to the space in question from either Table 6-1 or 6-4, and to design the ventilation for the space according to the Section 6.2 or 6.5, as appropriate. Along with this proposed change, the guidance for determining the appropriate value for zone population, P_z , was moved ahead of Equation 6-1, allowing it to be referenced in the description of P_z , rather than having that description contain abbreviated guidance.

The committee plans to address this issue in a future addendum.

INTERPRETATIONS

New Official Interpretations to the following Standards are now available:

ANSI/ASHRAE/IES STANDARD 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings. Interpretation 90.1-2010-13 – January 23, 2012 refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2010, Section 6.5.1 Economizers, Exception k.1, relating to wireless telecommunications facilities. This interpretation can be found on the ASHRAE website by clicking on the following link: <http://www.ashrae.org/standards-research--technology/standards-interpretations/interpretation-for-standard-90-1-2010>.

INTERPRETATIONS cont.

ANSI/ASHRAE Standard 62.1-2007, Ventilation For Acceptable Indoor Air Quality

- ♦ Interpretation 62.1-2007-23 – January 21, 2012 (Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2007, Sections 3, 6.1.2, 6.3 and 6.2.6, specifically Table 6-4, regarding IAQ Procedure (air cleaning) of toilet exhaust.)
- ♦ Interpretation 62.1-2007-24 – January 21, 2012 (Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2007, Section 6.3 Indoor Air Quality Procedure, and Table 6-2, relating to Zone Air Distribution Effectiveness (Ez).)

These interpretations can be found on the ASHRAE website by clicking on the following link: <http://www.ashrae.org/standards-research--technology/standards-interpretations/intrepretations-for-standard-62-1-2007>.

ANSI/ASHRAE Standard 62.1-2010, Ventilation For Acceptable Indoor Air Quality

- ♦ Interpretation 62.1-2010-3 – January 21, 2012 (Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2010, Sections 6.2.6.1 and 6.2.6.2, regarding ventilation fan cycling.)
- ♦ Interpretation 62.1-2010-4 – January 21, 2012 (Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2010, Sections 6.2.6.1 and 8.3, regarding ventilation system operation.)

These interpretations can be found on the ASHRAE website by clicking on the following link: <http://www.ashrae.org/standards-research--technology/standards-interpretations/interpretations-for-standard-62-1-2010>.



STANDARDS ACTIONS

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TPS CHANGES APPROVED	BACKGROUND ON TPS CHANGES
<p>Standards Committee approved the TPS changes for the following projects (see changes below):</p> <ul style="list-style-type: none"> ♦ ASHRAE Standard 41.2-1987 (RA 92)R, Standard Methods for Air Velocity and Airflow Measurement ♦ ANSI/ASHRAE Standard 41.10-2008R, Standard Methods for Volatile Refrigerant Mass Flow Measurement Using Flowmeters ♦ BSR/ASHRAE Standard 41.11P, Standard Methods for Power Measurement <p style="text-align: center;"><u>TPS changes are not available for comment at this time.</u></p>	<p>ANSI/ASHRAE Standard 41.10-2008R:</p> <p>TITLE: Standard Methods for Volatile Refrigerant Mass Flow Measurement Using Flowmeters</p> <p>PURPOSE: This standard prescribes methods for <u>provides recommended practices for refrigerant mass flow rate measurement</u> measurement of mass flow rate of volatile refrigerants using flowmeters.</p> <p>SCOPE:</p> <ol style="list-style-type: none"> a. This standard applies where the entire flow stream of the volatile refrigerant both enters and exits <u>the flowmeter</u> either as a 'vapor only' or 'liquid only' state. b. This standard covers all refrigerants listed in <u>ANSI/ASHRAE Standard 34, Designation and Safety Classification of Refrigerants.</u>
BACKGROUND ON TPS CHANGES	<p>BSR/ASHRAE Standard 41.11P:</p> <p>TITLE: Standard Methods for Power Measurement</p> <p>PURPOSE: This standard prescribes methods <u>establishes practices for power measurements and provides adequate and consistent measurement procedures.</u></p> <p>SCOPE: This standard applies to power measurements under laboratory and field conditions <u>describes methods for measuring power when testing heating, ventilating, air-conditioning, and refrigerating systems and components.</u> heating, refrigerating and air-conditioning equipment and components. The power measurements include power delivered to motor/starter electrical systems used in HVAC.</p>
<p>ASHRAE Standard 41.2-1987 (RA 92)R:</p> <p>TITLE: Standard Methods for <u>Air Velocity and Airflow Measurement</u></p> <p>PURPOSE: This standard prescribes laboratory methods for measuring airflow <u>air velocity and the mass flow rate of air</u> including consideration of density effects.</p> <p>SCOPE: <u>This standard applies to measuring air velocity and the mass flow rate of air for testing heating, ventilating, air-conditioning, and refrigerating equipment at measuring equipment pressures within this range: -25 kPa to +25 kPa gage (-100 in. of water to +100 in. of water gage).</u></p> <p>2.1 This standard applies to:</p> <ol style="list-style-type: none"> 2.1.1 Laboratory airflow testing of heating, ventilating, air-conditioning, and refrigerating equipment and components. 2.1.2 Measurement of mass flow rate of airflow. 2.1.3 Airflow measurement at measuring equipment pressures within ±25 kPa (±100 in. of water) gage. <p>2.2 This standard does not apply to field testing of installed equipment or systems.</p>	



STANDARDS ACTIONS

Important Information Regarding the Development of ASHRAE Standards and Guidelines

INTERIM MEETINGS

INTERIM MEETINGS cont.

Interim meetings have been scheduled for the committees indicated below. A complete listing of project committee interim meetings is provided on ASHRAE's website and can be found by clicking on the following link:

<http://www.ashrae.org/standards-research--technology/standards--guidelines/standards-activities/project-committee-interim-meetings>.

GPC 1.2, *The Commissioning Process for Existing HVAC&R Systems*, Cognizant PC for Guideline 0.2, *The Commissioning Process for Existing Systems and Assemblies*, will hold conference calls on Fridays from 1:00 to 3:00 pm Eastern time on the following dates:

- ♦ Feb 10, 2012 April 20, 2012
- ♦ Feb 24, 2012 May 4, 2012
- ♦ March 9, 2012 May 18, 2012
- ♦ March 23, 2012 June 1, 2012
- ♦ April 6, 2012 June 15, 2012

For additional information contact Bill Dean, Chair of GPC 1.2 (bill.dean@nrc.ca).

SSPC 15, *Safety Standard for Refrigeration Systems*, will hold conference calls on the following dates:

- ♦ Monday, February 6, 2012 from 10:00 am to 12:00 pm (Eastern)
- ♦ Friday, February 17, 2012 from 10:00am to 12:00pm (Eastern).

For more information contact Phillip Johnson, Chair of SSPC 15 (phillip.johnson@mcquay.com)

SPC 99-2006R, *Refrigeration Oil Description*, will hold a conference call on Thursday, February 9, 2012 at 10:00 am (Eastern).

For additional information contact Chris Seeton, Chair of SPC 99-2006R (christopher.seeton@honeywell.com).

SPC 100-2006R, *Energy Efficiency in Existing Buildings*, will hold a conference call on Monday, February 6, 2012 from 2:00 pm to 5:00 pm (Eastern).

For additional information, contact Rick Hermans, Chair of SPC 100-2006R (rick.hermans@mcquay.com).

SPC 105-2007R, *Standard Methods of Measuring and Expressing Building Energy Performance*, has tentatively scheduled conference calls from 1:00 pm to 3:00 pm (Eastern) on the following dates:

- ♦ February 9, 2012 – 3:00 pm to 5:00 pm (Eastern)
- ♦ March 8, 2012
- ♦ April 12, 2012
- ♦ May 17, 2012
- ♦ June 7, 2012
- ♦ July 12, 2012
- ♦ August 16, 2012
- ♦ September 13, 2012
- ♦ October 11, 2012
- ♦ November 15, 2012
- ♦ December 13, 2012

For additional information contact Keith Emerson, Chair of SPC 105 (kemerson2002@yahoo.com).

SPC 155P, *Method of Testing for Rating Commercial Space Heating Boiler Systems*, will hold a conference call/WebEx meeting on Friday, February 10, 2012 from 10:30 am to 12:30 pm (Eastern).

For additional information contact Martha Hewett, Chair of SPC 155P (mhewett@mncee.org).

SPC 198P, *Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency*, will hold a conference call on Friday, February 10, 2012 from 1:00 pm to 2:30 pm (Eastern).

For additional information contact Craig Burg, Chair of SPC 198P (craig@desert-aire.com).

SPC 204P, *Method of Test for Rating Micro Combined Heat and Power Devices*, will hold a conference call on Thursday, February 16, 2012 at 11:00 am (Eastern).

For additional information contact Mark Davis, Chair of SPC 204P (mark.davis@nist.gov).



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Important Information Regarding the Development of ASHRAE Standards and Guidelines

PURPOSE AND SCOPE FOR CALL FOR MEMBERS

♦ **ANSI/ASHRAE Standard 171-2008R, *Method of Test of Seismic Restraint Devices for HVAC&R Equipment***

1. PURPOSE: The purpose of this standard is to provide static-test procedures for determining the capacity of seismic restraints for heating, ventilating, air-conditioning, and refrigeration (HVAC&R) equipment. These test procedures determine the maximum force a restraint can withstand without breakage or permanent deformation.

2. SCOPE: This standard applies to the following types of seismic restraints that are manufactured from the following types of materials.

2.1 Types of Seismic Restraints:

(a) cable restraints used for HVAC&R equipment that is mounted on the floor or suspended from the building structure and for associated for pipe, ductwork, electrical raceways, and other devices suspended from the building structure.

(b) combination isolator/restraints that are directly mounted to equipment or to structural frames attached to equipment, including isolated curbs.

(c) seismic snubbers that are directly mounted to equipment or mounted to structural frames attached to equipment.

(d) structural shapes (i.e., rigid bracing) used for HVAC&R equipment that is mounted on the floor or suspended from the building structure and for associated for pipe, ductwork, electrical raceways, and other devices suspended from the building structure.

2.2 Types of Materials:

(a) ferrous metals, including those used in ductile castings, structural stainless steel, and structural carbon steel.

(b) non-ferrous materials, including aluminum, copper, and brass.

(c) non-metallic materials such as fiberglass, elastomers, natural rubber, and composites.

(d) This standard does not apply to non-ductile materials.

JOIN A LISTSERVE

Click on the list below to learn more about ASHRAE Standards Activities!

- ⇒ [Standards Actions Listserve](#)
- ⇒ [SSPC 41 — Standard Methods for Measurement](#)
- ⇒ [SSPC 62.1 — Ventilation for Acceptable Indoor Air Quality](#)
- ⇒ [SSPC 62.2 — Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings](#)
- ⇒ [SSPC 90.1 — Energy Standard for Buildings Except Low-Rise Residential Buildings](#)
- ⇒ [SSPC 90.2 — Energy Efficient Design of Low-Rise Residential Buildings](#)
- ⇒ [SSPC 161 — Air Quality within Commercial AirCraft](#)
- ⇒ [SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings](#)
- ⇒ [SPC 201 — Facility Smart Grid Information Model](#)
- ⇒ [Code Intended Standards, CIS Listserve](#)

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