



# STANDARDS ACTIONS

## PUBLIC REVIEW—CALL FOR COMMENTS

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Constructive comments are invited for the following Public Review Drafts, which can be accessed on ASHRAE's website at <https://osr.ashrae.org>. 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 via email at: [standards.section@ashrae.org](mailto:standards.section@ashrae.org). Paper copies are \$35.00/copy if 100 pages or less and \$45.00 if over 100 pages.

**30-day Public Review from  
July 12, 2019 – August 11, 2019**

- ♦ **1st Public Review of BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants***  
This addendum provides clarification for determining the RCL values of refrigerant blends by revising paragraph 7.2 Blends.
- ♦ **1st Public Review of BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants***  
This addendum provides clarification for producing short-term toxicity data of blends in refrigerant applications.
- ♦ **1st Public Review of BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants***  
This addendum corrects errors in RCL values found in Tables 4-1 and 4-2.
- ♦ **2nd Public Review of BSR/ASHRAE Addendum u to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants***  
This addendum adds the zeotropic refrigerant blend R-466A in Table 4-2. This second public review is necessary to correct the RCL value provided in the first public review.
- ♦ **1st Public Review of BSR/ASHRAE Addendum a to Standard 145.2-2016, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices***  
ASHRAE 52.2 recently removed the Figure cited in 145.2 and replaced it with these calculations. This change proposal updates 145.2 to keep the method viable.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/USGBC/IES/ICC Addendum q to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***  
Addendum q to Standard 189.1-2017 addresses certain requirements in Section 8 that were identified as jurisdictional options in the first public review draft but have now been returned to the core provisions of the standard.
  - ♦ **2nd Public Review ISC of BSR/ASHRAE/USGBC/IES/ICC Addendum r to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***  
Addendum r to Standard 189.1-2017 addresses certain requirements in Section 8 that were identified as jurisdictional options in the first public review draft but have now been returned to the core provisions of the standard.
  - ♦ **1st Public Review of BSR/ASHRAE/USGBC/IES/ICC Addendum ae to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***  
Addendum ae to Standard 189.1-2017 proposes several changes to the Waste Management provisions in Section 9. In the Diversion section, deconstruction waste is specified as a qualifying category of waste for calculation purposes. Under Total Waste, new text has been added to explain that only new construction is applicable. The weight per area threshold for total waste has also been adjusted.
- 45-day public review from  
July 12, 2019, to August 26, 2019**
- ♦ **2nd Public Review ISC of BSR/ASHRAE/USGBC/IES/ICC Addendum j to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***  
Addendum j to Standard 189.1-2017 proposes several clarifications and additions of more specific language to the renewable energy requirements described in Section 7.



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- ♦ **2<sup>nd</sup> Public Review of BSR/ASHRAE/USGBC/IES/ICC Addendum n to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

Addendum n to Standard 189.1-2017 proposes several modifications to the composite wood requirements in Section 8 to better clarify which products are subject to CARB and USEPA guidelines limiting the use of formaldehyde resins.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/USGBC/IES/ICC Addendum af to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

Addendum af to Standard 189.1-2017 identifies a number of Construction and Postconstruction requirements from Section 10 to be considered as jurisdictional options, i.e. requirements that the jurisdiction has the option to exclude from its adopted ordinances.

- ♦ **1<sup>st</sup> Advisory Public Review of BSR/ASHRAE Standard 224P, *Standard for the Application of Building Information Model***

Standard 224P provides minimum requirements for the application of Building Information Modeling (BIM) to the planning, design, construction, and operation of buildings. This standard defines how to include BIM requirements in design, construction, and operations services contracts

## NEW REVISION PROJECTS APPROVED

Standards Committee approved the following new revision projects. The TPSs for these projects are not available for public review comment at this time. If you would like to comment, please email Steve Ferguson at: [Standards.Section@ashrae.org](mailto:Standards.Section@ashrae.org).

- ♦ **ANSI/ASHRAE Standard 33-2016R, *Methods of Testing Forced-Circulation Air-Cooling and Air-Heating Coils***

## NEW PROJECTS—CALL FOR MEMBERS

A *Call for Members* is announced for the following new revision project committee. Persons who are interested in serving on this committee are asked to complete the online membership application forms listed under Instructions for New Applicants at: <https://www.ashrae.org/pcmmemberapp> or by contacting Steve Ferguson at: ASHRAE, 1791 Tullie Circle, N.E., Atlanta, GA 30329; phone: 678-539-1138; fax: 678-539-2138; email [Standards.Section@ashrae.org](mailto:Standards.Section@ashrae.org).

- ♦ **SPC 33, *Methods of Testing Forced Circulation Air-Cooling and Air-Heating Coils***

### 1. PURPOSE:

1.1 The purposes of this standard are to:

- (a) Describe and specify testing instruments and apparatus
- (b) Describe and specify laboratory test methods and procedures
- (c) Describe and specify test data to be recorded
- (d) Describe and specify calculations to be made from test data
- (e) Define terms used in testing
- (f) Specify standard thermodynamic properties

1.2 It is not the purpose of this standard to specify the types of tests used for production or field testing.

### 2. SCOPE:

2.1 This standard prescribes laboratory methods of testing forced-circulation air-cooling coils, for application under non-frosting conditions and forced-circulation air-heating coils to ensure uniform performance information for establishing ratings.



# STANDARDS ACTIONS

PUBLICATION NOTICE	INTERIM MEETINGS
<p>The standards and guideline documents listed below are now available for purchase on the ASHRAE website at: <a href="http://www.ashrae.org/published-standards">http://www.ashrae.org/published-standards</a>, or by contacting the Sales Department at: ASHRAE, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. Email: <a href="mailto:orders@ashrae.org">orders@ashrae.org</a>. 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 on the ASHRAE website at: <a href="http://www.ashrae.org/standards-addenda">http://www.ashrae.org/standards-addenda</a>.</p> <ul style="list-style-type: none"> <li>♦ <b>ANSI/ASHRAE Standard 23.1-2019, <i>Methods for Performance Testing Positive Displacement Refrigerant Compressors and Condensing Units that Operate at Subcritical Pressures of the Refrigerant</i></b></li> <li>♦ <b>ANSI/ASHRAE Standard 37-2009 (RA 2019), <i>Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment</i></b></li> <li>♦ <b>ANSI/ASHRAE Standard 212-2019, <i>Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-On Evaporative Precoolers for Unitary Air-Conditioning Equipment</i></b></li> <li>♦ <b>ANSI/ASHRAE/ICC/USGBC/IES Addenda c, d, e, f, g, h, l, and v to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017, <i>Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings</i></b></li> </ul>	<ul style="list-style-type: none"> <li>♦ <b>SSPC 170, <i>Ventilation of Health Care Facilities</i>, will hold webinars on the following dates and times:</b> <ul style="list-style-type: none"> <li>⇒ July 17, 2019 from 4:00 to 5:00 pm (Eastern)</li> <li>⇒ August 14, 2019 from 3:00 to 4:00 pm (Eastern)</li> <li>⇒ October 16, 2019 from 3:00 to 4:00 pm (Eastern)</li> <li>⇒ December 11, 2019 from 3:00 to 4:00 pm (Eastern)</li> </ul> </li> </ul> <p>SSPC 170 has tentatively scheduled an in-person interim meeting September 12-13, 2019 at ASHRAE Headquarters in Atlanta, GA. For additional information contact Michael Sheerin, Chair of SSPC 170 (<a href="mailto:michael.sheerin@tlc-eng.com">michael.sheerin@tlc-eng.com</a>).</p>
	<b>INTERPRETATIONS</b>
<p>A complete listing of project committee interim meetings is provided on ASHRAE's website at: <a href="https://www.ashrae.org/technical-resources/standards-and-guidelines/project-committee-interim-meetings">https://www.ashrae.org/technical-resources/standards-and-guidelines/project-committee-interim-meetings</a>.</p> <ul style="list-style-type: none"> <li>♦ <b>SPC 205P, <i>Standard Representation of Performance Simulation Data for HVAC&amp;R and Other Facility Equipment</i></b>, will hold a conference call on Wednesday, July 31, 2019 from 1:00 pm to 2:30 pm (Eastern). For additional information and connection details contact Charles Barnaby, Chair of SPC 205 (<a href="mailto:chipbarnaby@gmail.com">chipbarnaby@gmail.com</a>).</li> </ul>	<p>New official interpretations to the following standards are now available on the ASHRAE website at: <a href="http://www.ashrae.org/standards-interpretations">http://www.ashrae.org/standards-interpretations</a>.</p> <ul style="list-style-type: none"> <li>♦ <b>ANSI/ASHRAE Standard 62.2-2016, <i>Ventilation and Acceptable Indoor Air Quality in Residential Buildings</i></b> <ul style="list-style-type: none"> <li>⇒ Interpretation 62.2-2016-6 – June 22, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 62.2-2016, Sections 3, 4 and 6.1, regarding transfer air and outdoor air.)</li> </ul> </li> <li>♦ <b>ANSI/ASHRAE Standard 135.1-2013, <i>Method of Test for Conformance to BACnet</i></b> <ul style="list-style-type: none"> <li>⇒ Interpretation 135.1-2013-1 – June 20, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 135.1-2013, Clause 4.5.7, regarding EP-ICS segmentation ability description.)</li> </ul> </li> <li>♦ <b>ANSI/ASHRAE STANDARD 135-2016, <i>BACnet® - A Data Communication Protocol for Building Automation and Control Networks</i></b> <ul style="list-style-type: none"> <li>⇒ Interpretation 135-2016-15 – June 20, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clauses 13.2.2.1 and 13.3, regarding Transitions out of FAULT while an OFFNORMAL condition exists.)</li> </ul> </li> </ul>



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## INTERPRETATIONS

- ⇒ Interpretation 135-2016-16 – June 20, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clause K.1.12, regarding devices claiming conformance to DS-COV-B.)
- ⇒ Interpretation 135-2016-17 – June 20, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clause 12.56 and Tables 12.71 and 12.72, regarding Required vs Optional properties of the Network Port object type.)
- ⇒ Interpretation 135-2016-18 – June 20, 2019 (Refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clauses 13.1 and 13.15.1.1.6, regarding COV\_Increment for numeric properties.)

## JOIN A LISTSERVE

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

- ⇒ [ASHRAE Standards Actions](#)
- ⇒ [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](#)
- ⇒ [SPC 90.4 — Energy Standard for Data Centers and Telecommunications Buildings](#)
- ⇒ [SSPC 161 — Air Quality within Commercial Aircraft](#)
- ⇒ [SSPC 188 — Legionellosis: Risk Management for Building Water Systems](#)
- ⇒ [SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings](#)
- ⇒ [Code Interaction Subcommittee \(CIS\) Listserve](#)