



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited for the following Public Review Drafts, which can be accessed on ASHRAE's website. All activity for reviewing and commenting on public review drafts can be accomplished completely online at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>. To obtain a paper copy of any Public Review Draft contact ASHRAE, Inc. Attn: Standards Public Review, 1791 Tulie Circle, NE, Atlanta, GA 30329-2305, or via email at: 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
February 8, 2019 – March 10, 2019**

- ♦ **1st Public Review of BSR/ASHRAE Addendum v to ANSI/ASHRAE Standard 62.2-2016, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***

This proposed addendum updates the normative references in Section 9 (References) of Standard 62.2.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum as to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum incorporates public review comments into this informative commissioning appendix in reference to the first public review draft.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum ba to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

The proposed addendum clarifies how baseline must be established when Appendix G does not explicitly prescribe the baseline parameters but allows it to be different from the proposed design.

- ♦ **3rd Public Review ISC of BSR/ASHRAE/IES Addendum bb to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This ISC represents resolution of comments from the 1st and 2nd public reviews. Values in this ISC reflect updates to the lighting model. If addendum bb is adopted, it represents an average 11% reduction in lighting power allow-

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space-by-space LPD values. This 11% reduction is NOT weighted by floor area type.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum bc to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This is a second public review draft. Comments from the first public review have been incorporated into these changes. The requirement for a minimum 40 degree delta T between the leaving and entering boiler water has been removed. Boilers less than 300,000 Btu/h are no longer included in the proposal.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum by to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This proposal considers a minimum prescriptive requirement for onsite renewable energy. The renewable energy resources are defined within the proposal; however, the specific resource to be used is left up to the designer or building owner. The listed capacity requirement, as well as the scalar evaluation, is based on photovoltaic generation as that is the most ubiquitous and cost effective renewable energy resource and equipment/system currently available across the industry.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum bz to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum clarifies aligns the requirements of Appendix C with more informative outputs, clarifies the schedule of shades, updates energy costs, and references updated minimum efficiency requirements in Section 6.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum ca to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This proposed addendum adds U-factors to Table A3.2.3 for use of continuous insulation on metal building walls with double layer cavity insulation. The calculations follow the same basis of calculation used in other parts of the table based on calculation procedures in A9.4.6.



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<ul style="list-style-type: none"> <li data-bbox="100 499 792 747"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum cc to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> The calculation procedures in A9.4.6 are developed from and are specifically for assemblies with a 60-inch purlin and girt spacing. This proposal clarifies the limitations of the calculation procedures in A9.4.6.</p> <li data-bbox="100 779 792 1089"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum ce to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum provides energy saving potential by removing one of three criteria for fan motor selections, it addresses concerns of prior interpretations, it increases the design options for load-matching variable-speed fan applications, it accommodates new motor and drive technologies, and it simplifies the motor selection criteria for fans.</p> <li data-bbox="100 1121 792 1339"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum cf to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This proposed addendum adds vacuum insulating glazing to the list of options for reach-in doors in walk-in coolers and freezers.</p> <li data-bbox="100 1371 792 1682"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum ch to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum addresses two areas of uncertainty in the definitions of daylighted zones: 1) What areas should be considered daylighted around the perimeter of building atria 2) At what size does an exterior building overhang render the sidelighted area noneffective for displacing electric lighting.</p> <li data-bbox="100 1713 792 1957"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum ci to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum updates the Building Performance Factors (BPFs) that are used for compliance with Appendix G. The BPFs represent the savings of any version of Standard 90.1 compared to Standard 90.1-2004 (the Progress Indicator).</p> 	<p>The BPFs in the previous addendum impacting BPFs (Addendum bt) were estimated based on the savings of Standard 90.1-2016 with a further reduction of 3%. The current proposal includes the savings of Standard 90.1-2016 including addenda through December 31, 2018 with a further reduction of 3%.</p> <ul style="list-style-type: none"> <li data-bbox="812 716 1516 1241"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum cj to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This proposed addendum makes the following changes to the lighting provisions of the Energy Cost Budget Method; Specifies that there is no tradeoff credit for plug-in lighting in multifamily occupancies and other space types where lighting design relies on plug-in fixtures not shown on drawings. Establishes the baseline lighting power density (LPD) for dwelling units based on the design that meets high efficacy lamp requirements of Section 9.4.4. The LPD matches the permanently installed lighting LPD from the analysis used to set Building Performance Factors in Appendix G. Clarifies modeling methodology to capture lighting control savings, and aligns it with the relevant rules of Appendix G.</p> <li data-bbox="812 1272 1516 1583"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum ck to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This proposal adds language for Section 11 to address the new proposed renewable energy requirements in addendum BY. The proposed approach allows a proposed design that does not include renewable energy required by Section 10.5.1 a method of trade off against other prescriptive requirements in the Standard.</p> <li data-bbox="812 1614 1516 1801"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum cm to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum updates Exceptions to 6.5.2.1 regarding DDC Controls.</p>



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45-day Public Review from February 8, 2019 – March 25, 2019

- ♦ **1st Withdrawal Public Review of ASHRAE Standard 18-2008 RA2013, *Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration***

The Technical Committee supports the withdrawal based on a lack of support to revise the document. This standard has no reported sales and has since lost its ANSI's designation.

- ♦ **1st Public Review of BSR/ASHRAE Standard 24-2013R, *Methods of Testing for Rating Evaporators Used for Cooling Liquids***

This revision of Standard 24-2013 updates references, makes minor editorial changes, and adds a requirement for both uncertainty analysis and the use of liquid enthalpy for the calculation of total refrigerant capacity.

- ♦ **1st Public Review of ASHRAE Guideline 41P, *Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems***

Guideline 41P provides a procedure for the design, installation, and commissioning of Variable Refrigerant Flow (VRF) systems.

- ♦ **2nd Public Review of BSR/ASHRAE Addendum s to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality***

The ventilation rate procedure in 62.1-2016 contains requirements in notes. This proposed addendum relocates requirements to the body of the standard. Another proposed change is to clarify that in the presence of unusual sources the rates in the VRP must be supplemented by additional ventilation to be determined by the IAQ procedure or an EHS professional. The default values per person in Table 6.2.2.1 (Minimum Ventilation Rates in Breathing Zone) do not contain any adjustments for Ev and in many cases are taken out of context. They are not used in the ventilation calculations. These values are deleted.

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- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *bd* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This is a second public review ISC to make changes to the proposed table as a result of the first public review comments. The following is a summary of the ISC changes; 1. Change the name for heat reclaim to heat recovery 2. Editorial corrections.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *bl* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

The following are the changes as a result of the ISC; 1. Clarify the US and outside US application 2. Some of the comments noted that AHRI 210/240-2023 is not currently published, but AHRI is very close to completing the update to reflect the DOE 10 CFR 430 Appendix M1 test procedure for SEER2 and HSPF and expects to have it completed in February 2019 likely before this ISC is released for comment.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *bm* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This document is an ISC to the first public review and only the changes of the ISC are available for comment. The changes made by the ISC are; 1. The language used to clarify requirements for applications in the US and outside the US will be updated to use the same standard language for all addendum impacted by this requirement 2. To support the change to SEER2 and HSPF2 we need to have a new reference for the procedures for these metrics. DOE and the industry developed the 10 CFR 430 Appendix M1 but it does not include everything needed to rate a product and support certification so AHRI is in the process of updating AHRI 210/240 and will release AHRI 210/240-2023 This document is nearly completed and targeted to be approved in February 2019 so we have included the reference to AHRI 210/240-2023 effective 1/1/2023.



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<ul style="list-style-type: none"> <li data-bbox="103 499 781 682"> <p>♦ 2nd Public Review ISC of BSR/ASHRAE/IES Addendum <i>bn</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This ISC to addendum bn makes corrections and changes to tables 6.8.1-4 and Table F-1.</p> <li data-bbox="103 720 781 903"> <p>♦ 2nd Public Review ISC of BSR/ASHRAE/IES Addendum <i>bo</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum incorporates changes to table 6.8.1-5 based on the first public review draft comments.</p> <li data-bbox="103 940 781 1123"> <p>♦ 2nd Public Review ISC of BSR/ASHRAE/IES Addendum <i>bp</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum modifies table 6.8.1-6 and Table F5 based on the first public review draft comments.</p> <li data-bbox="103 1161 781 1344"> <p>♦ 2nd Public Review ISC of BSR/ASHRAE/IES Addendum <i>bs</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum makes changes to table 7.8 based on comments from the first public review draft.</p> <li data-bbox="103 1381 781 1686"> <p>♦ 2nd Public Review of BSR/ASHRAE/IES Addendum <i>bv</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> The purpose of this addendum is to allow designers the option to use ASHRAE Standard 90.4 requirements instead of ASHRAE 90.1 requirements in computer rooms that have an IT equipment load larger than 10 kW. A computer room that has such a load is the same as the defined term “data center” in 90.4.</p> <li data-bbox="103 1724 781 1938"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum <i>cd</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addenda is intended to be primarily a clarification of the original intention for bypass and control to permit economizer operation.</p> 	<ul style="list-style-type: none"> <li data-bbox="813 499 1516 1024"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum <i>cg</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> The building area method is an alternate method to the space-by-space method. Energy savings are related to the addendum bb (space-by-space method). This addendum does not have cost implications because costs of updating lighting power density allowances were addressed in Addendum bb. The values in this addendum supersede Addendum bw. During the period between the approval by the 90.1 Committee and publication of Addendum bw, addendum bb (Table 9.6.1, space-by-space method) values were revised. As mentioned earlier, the values from addendum bb (Table 9.6.1, space-by-space) flow into Table 9.5.1, building area method. At the end of this addendum (below the line) is a comparison of Addendum bw and this addendum.</p> <li data-bbox="813 1062 1516 1276"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum <i>cl</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This addendum makes changes throughout Section 11 to better align with Appendix G providing greater consistency between the two sections.</p> <li data-bbox="813 1314 1516 1587"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum <i>cn</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> This proposed addendum cleans up outdated language regarding walk-in cooler and walk-in freezer requirements, and make the requirements consistent with current federal regulations that either already came into effect June 5, 2017 or will come into effect July 10, 2020.</p> <li data-bbox="813 1625 1516 1938"> <p>♦ 1st Public Review of BSR/ASHRAE/IES Addendum <i>co</i> to ANSI/ASHRAE/IES Standard 90.1-2016, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i> SSPC 90.1 periodically reviews the normative references for applicability to this standard. Some new references have been added and many references have new effective dates. References not shown in this addendum are unchanged, and remain as currently listed in the standard or as modified in other addenda.</p>



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<ul style="list-style-type: none"> ♦ 1st Public Review of BSR/ASHRAE/IES Addendum cp to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings This proposal adds language for Appendix G to address the new proposed renewable energy requirements in addendum BY. The proposed approach allows a proposed design that does not include renewable energy required by Section 10.5.1 a method of trade off against other prescriptive requirements in the Standard. ♦ 1st Withdrawal Public Review of ANSI/IAQA-RIA 6001-2011, Evaluation of HVAC/Mechanical System Surfaces to Determine the Impact from Fire Related Particulate ASHRAE is announcing it is withdrawing this standard. <u>60-day Public Review from February 8, 2019 – April 9, 2019</u> ♦ 1st Public Review of BSR/ASHRAE Standard 205P, Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment The purpose of ASHRAE Standard 205-201x is to facilitate sharing of equipment characteristics for performance simulation by defining standard representations such as data models, data formats, and automation interfaces. 	<ul style="list-style-type: none"> ♦ BSR/ASHRAE Standard 227P, Passive Building Design Standard PURPOSE: This standard provides requirements for the design of buildings that have exceptionally low energy usage and that are durable, resilient, comfortable, and healthy. SCOPE: 2.1 This standard is applicable to all new and existing buildings intended for human occupancy. 2.2 This standard provides requirements for the design and construction of the: building envelope, heating and cooling equipment and systems, ventilation systems, service hot water systems, interior and exterior lighting systems, and plug and appliance loads. 2.3 This standard does not provide requirements for the operation, maintenance, or use of buildings. 2.4 This standard does not apply to process related systems or equipment. 2.5 This standard shall not be used to circumvent any safety, health, or environmental requirements. ♦ BSR/ASHRAE Standard 228P, Standard Method of Evaluating Zero Energy Building Performance PURPOSE: This standard sets requirements for evaluating whether a building or group of buildings meets a definition of “zero energy”. It provides a consistent method of expressing qualifications for zero energy buildings associated with the design of new buildings and the operation of existing buildings. SCOPE: 2.1 This standard covers: a. existing buildings, new buildings, groups of buildings, or portions of buildings; b. determination, including calculation methodology, and expression of the building(s) zero energy status using performance metrics defined in ASHRAE Standard 105, “Standard Methods of Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions” or by the authority having jurisdiction;
<p align="center">NEW PROJECTS—CALL FOR COMMENTS</p> <p>Constructive comments are invited on the Title, Purpose, and Scope (TPS) for the following newly approved projects. TPSs for public comment can be accessed by going to ASHRAE’s website at: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts . To obtain a paper copy of any TPS draft, contact ASHRAE Inc, Attn: Standards Section, 1791 Tullie Circle NE, Atlanta, GA 30329-2305, email: standards.section@ashrae.org. Note: Paper copies are available for \$35.00 per copy if 100 pages or less and \$45.00 if over 100 pages.</p> <p align="center"><u>30-day Public Review from February 8, 2019 – March 10, 2019</u></p>	



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NEW PROJECTS—CALL FOR COMMENTS	CALL FOR MEMBERS
<p>c. transportation within the zero energy building or group of buildings; and</p> <p>d. plug loads for electric vehicles.</p> <p>2.2 The provisions of this standard do not apply to:</p> <p>a. Establishment of building energy performance goals or limits</p> <p>b. Design guidance or design requirements</p> <p>c. Embodied energy of building materials and systems, and</p> <p>d. Transportation to and from a building such as services and business travel.</p>	<p>♦ SPC 227, <i>Passive Building Design Standard</i></p> <p>PURPOSE: This standard provides requirements for the design of buildings that have exceptionally low energy usage and that are durable, resilient, comfortable, and healthy.</p> <p>SCOPE:</p> <p>2.1 This standard is applicable to all new and existing buildings intended for human occupancy.</p> <p>2.2 This standard provides requirements for the design and construction of the: building envelope, heating and cooling equipment and systems, ventilation systems, service hot water systems, interior and exterior lighting systems, and plug and appliance loads.</p> <p>2.3 This standard does not provide requirements for the operation, maintenance, or use of buildings.</p> <p>2.4 This standard does not apply to process related systems or equipment.</p> <p>2.5 This standard shall not be used to circumvent any safety, health, or environmental requirements.</p> <p>♦ SPC 228, <i>Standard Method of Evaluating Zero Energy Building Performance</i></p> <p>PURPOSE: This standard sets requirements for evaluating whether a building or group of buildings meets a definition of “zero energy”. It provides a consistent method of expressing qualifications for zero energy buildings associated with the design of new buildings and the operation of existing buildings.</p> <p>SCOPE:</p> <p>2.1 This standard covers:</p> <p>a. existing buildings, new buildings, groups of buildings, or portions of buildings;</p> <p>b. determination, including calculation methodology, and expression of the building(s) zero energy status using performance metrics defined in ASHRAE Standard 105, “Standard Methods of Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions” or by the authority having jurisdiction;</p>
CALL FOR MEMBERS	
<p>A <i>Call for Members</i> is announced for the project committees listed below. Persons who are interested in serving on these ASHRAE committees are asked to indicate their interest and obtain the necessary membership forms by clicking on the following link: http://www.ashrae.org/standards-forms-procedures 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.</p> <p>♦ SPC 79, <i>Method of Testing for Fan-Coil Units</i></p> <p>1. PURPOSE: The purpose of this standard is to prescribe laboratory methods of testing for fan-coil units to ensure uniform performance data for establishing ratings.</p> <p>2. SCOPE: This standard includes procedures that:</p> <p>a. describe and specify test instruments and apparatus,</p> <p>b. describe and specify laboratory test methods and procedures,</p> <p>c. describe and specify test data to be recorded,</p> <p>d. describe and specify calculations to be made from test data,</p> <p>e. define terms used in testing, and</p> <p>f. specify standard thermodynamic properties.</p> <p><i>Note: SPC 79 is interested in obtaining members representing the User interest category.</i></p>	



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CALL FOR MEMBERS

- c. transportation within the zero energy building or group of buildings; and
 - d. plug loads for electric vehicles.
- 2.2 The provisions of this standard do not apply to:
- a. Establishment of building energy performance goals or limits
 - b. Design guidance or design requirements
 - c. Embodied energy of building materials and systems, and
 - d. Transportation to and from a building such as services and business travel.

INTERPRETATIONS

New official interpretations to the following standards are now available on the ASHRAE website at: <http://www.ashrae.org/standards-interpretations>.

- ♦ **ANSI/ASHRAE Standard 188-2015, *Legionellosis: Risk Management for building Water Systems***

Interpretation 188-2015-2, dated February 1, 2019, refers to the requirements presented in ANSI/ASHRAE Standard 188-2015, Sections 4, 7 and Normative Annex A, relating to the use of activated carbon filters within water fountain appliances.

INTERIM MEETINGS

PUBLICATION NOTICE

The standards and guideline documents listed below are now available for purchase on the ASHRAE website at: <http://www.ashrae.org/published-standards>, 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.

- ♦ **ASHRAE Guideline 4-2019, *Preparation of Operating and Maintenance Documentation for HVAC&R Systems***
- ♦ **ANSI ASHRAE Standard 20-2019, *Methods of Laboratory Testing Remote Mechanical-Draft Air-Cooled Refrigerant Condensers***
- ♦ **ANSI ASHRAE Standard 139-2019, *Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process***

A complete listing of project committee interim meetings is provided on ASHRAE's website at: <https://www.ashrae.org/technical-resources/standards-and-guidelines/project-committee-interim-meetings>.

- ♦ **SPC 64-2011R, *Methods of Laboratory Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers***, will hold a conference call on Friday, March 8, 2019 from 11:00 am to 1:00 pm (Eastern). For additional information contact Joe Vadder, Chair of SPC 64 (Jvadder@evapco.com).
- ♦ **SSPC 300, *Commissioning Subcommittees***:
 - ⇒ **SSPC 300 Subcommittee Standard 202, *Commissioning Process for Building Systems***, will hold monthly conference calls from 5:00 pm to 7:00 pm (Eastern) on the second Thursday of the month, beginning Thursday, February 14th.
 - ⇒ **SSPC 300 Subcommittee Guideline 1.6P, *Commissioning of Data Centers***, will hold monthly conference calls from 5:00 pm to 7:00 pm (Eastern) on the fourth Tuesday of the month, beginning Tuesday, February 26th.

For additional information, contact Ryan Shanley, Staff Liaison to SSPC 300 (rshanley@ashrae.org).



STANDARDS ACTIONS

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](#)