



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

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Constructive comments are invited for the following Public Review Drafts at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>. All activity for reviewing and commenting on public review drafts can be accomplished completely online. To obtain a paper copy of any Public Review Draft contact ASHRAE, Inc. Attn: Standards Public Review, 180 Technology Parkway, Peachtree Corners, GA 30092, or via email at: 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.**

**30-day Public Review from
April 15, 2022 to May 15, 2022**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bi* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This proposed addendum addresses roof replacements with a new definition and subsection for handling existing roofs with above-deck insulation. Currently, there are no specific requirements or definitions for roof replacements; this has constrained such projects to the general alteration requirements of Section 5.1.3, which are difficult for certain existing roofs to meet. These modifications to Section 5 will minimize marketplace confusion and prevent conflicting use of the standard. Please note that this version of Addendum *bi* includes a clarification to the original first public review draft of the same name (public review date 11/5/21) and fully replaces that draft and all associated comments.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *cs* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum proposes two revisions to Chapter 11: one corrects an internal reference to service hot water heating requirements and the second is an addition that specifies the temperature for modeling Section 6.5.4.8-compliant boilers.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ct* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

Addendum *ct* revises the baseline envelope description in Table G3.1, Item 5, to explain how the baseline fenestration area is established (a response to interpretation request IC 90.1-2019-8), to remove a duplicate requirement for roof albedo, and to clarify that automatic shading devices are not modeled in the baseline.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *cu* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum clarifies that the heat source used for heat recovery in acute inpatient hospitals (Section 6.5.6.3) is intended to be the cooling system return water and removes an existing exception for renewables.

- ♦ **1st Public Review of BSR/ASHRAE Addendum *o* to ANSI/ASHRAE Standard 154-2016, *Ventilation for Commercial Cooking Operations***

Addendum *o* replaces DCV with demand-controlled kitchen ventilation (DCKV) for commercial kitchen exhaust systems. The title of Section 7.1.2 is amended to be consistent where it is used elsewhere in the standard, and Section 7.1.2.1 is revised to be consistent with the terminology in the new publication of the standard. Section 7.1.2.4 is also revised to make it clearer.

- ♦ **1st Public Review of BSR/ASHRAE Addendum *p* to ANSI/ASHRAE Standard 154-2016, *Ventilation for Commercial Cooking Operations***

Addendum *p* revises the definition of ventilated ceiling hood elaborating on its use and adds supply air option. This addendum also adds a design feature for recirculating hoods on how exhaust air from cooking appliances can be drawn by the hood. This design method is allowable per NFPA 96 code and UL 710B standard.

- ♦ **1st Public Review of BSR/ASHRAE Addendum *q* to ANSI/ASHRAE Standard 154-2016, *Ventilation for Commercial Cooking Operations***

Addendum *q* clarifies and provides the necessary distinction between DCV and DCKV. Demand controlled kitchen ventilation is defined and used for exhaust airflow of commercial kitchen hoods. Other ASHRAE standards (e.g., 90.1 and 62.1) use the DCV language or terminology for outdoor air.



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♦ **1st Public Review of BSR/ASHRAE Addendum r to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations**

Addendum r revises the Informative Note in Section 7 for consistency with the terminology in the new publication of the standard.

♦ **2nd Public Review ISC of BSR/ASHRAE/ICC/USGBC/IES Addendum i to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings**

This revision to Addendum i proposes requirements for demand response controls that enable water heaters to provide electric load shifting and energy storage capacity. Table 7.3.4 adds new exceptions for demand control requirements and delays the effective date of a newer control standard. In addition, this revision defines the terms: *demand response signal* and *demand response control*.

♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum q to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum updates the requirements for EV charging infrastructure. It allows the building designer or owner to install EV ready spaces or install EV charging stations (and infrastructure) or both to comply with the requirements of Section 5.3.7.3. In addition, this addendum updates the current definition of EV ready space and adds new definitions for Electric Vehicle Supply Equipment (EVSE) and EVSE installed space.

♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum r to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum proposes to align current code requirements for criteria addressing roofs with a slope of exactly 2:12. In section 5.3.5.3, roofs with a slope less than 2:12 are differentiated from roofs with slopes greater than or equal to 2:12 and, therefore, have different SRI requirements.

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[45-day Public Review from April 15, 2022 to May 30, 2022](#)

♦ **1st Public Public Review of BSR/ASHRAE Standard 514P, Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards**

This proposed standard provides minimum practices to manage overall risk from microbial hazards other than Legionella, as well as from physical and chemical hazards associated with potable and nonpotable building water systems. Consistent with the provisions of ANSI/ASHRAE Standard 188, this proposed standard provides a framework for the systematic development of water management programs, from design and construction to occupancy, including post-occupancy modifications and renovations.

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, 180 Technology Parkway, Peachtree Corners, GA 30092. 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 on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

♦ **ANSI/ASHRAE Standard 23-2022, Methods for Performance Testing Positive Displacement Refrigerant Compressors and Compressor Units**

♦ **ANSI/ASHRAE Standard 41.3-2022, Standard Methods for Pressure Measurement**

CONTINUOUS MAINTANENCE

Standards Committee approved continuous maintenance status for the following standard:

♦ **ANSI/ASHRAE/IBPSA Standard 209, Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings**



STANDARDS ACTIONS

INTERIM MEETINGS

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>.

- ♦ **GPC 14-2014R, *Measurement of Energy, Demand and Water Savings***, will hold conference calls from 11:00 am to 12:30 pm (Eastern) on the following dates:
 - ⇒ April 27, 2022
 - ⇒ May 11, 2022
 - ⇒ May 25, 2022
 - ⇒ June 8, 2022
 For additional information contact Dennis Landsberg, Chair of GPC 14 (drirm@aol.com).
- ♦ **GPC 23-2016R, *Guideline for the Design and Application of Heating, Ventilation and Air Conditioning Equipment for Rail Passenger Vehicles***, will hold a web meeting on May 2, 2022 from 4:00 pm to 6:00 pm (Eastern). For additional information contact Rene Beaulieu, Chair of GPC 23 (rene.beaulieu@comfortrail.com).
- ♦ **SPC 37-2009R, *Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment***, will hold a web meeting on May 5, 2022 from 10:00 am to 12:00 pm (Eastern). For additional information contact Christopher Stone, Chair of SPC 37 (cstone@ahrinet.org).
- ♦ **SSPC 55, *Thermal Environmental Conditions for Human Occupancy***, will hold a web meeting on April 29, 2022 from 2:30 pm to 4:00 pm (Eastern). For additional information contact David Heinzerling, Chair of SSPC 55 (DHeinzerling@taylor-engineering.com).
- ♦ **SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***. The SSPC 62.2 Envelope Subcommittee will hold a web meeting on April 29, 2022 from 1:00 pm to 3:00 pm (Eastern). For additional information contact Mark Weber (mweber@ashrae.org).
- ♦ **SPC 232P, *Schema-Based Building Data Model Protocols***, will hold a web meeting on May 3, 2022 from 3:00 pm to 4:00 pm (Eastern). For additional information contact Tim McDowell, Chair of SPC 232 (mcdowell@tess-inc.com).

CALL FOR MEMBERS

A *Call for Members* is announced for the following project committee. Persons who are interested in serving on this ASHRAE committee are asked to indicate their interest by completing the online membership application forms listed under Instructions for New Applicants at <https://www.ashrae.org/pcmmemberapp> or by contacting Connor Barbaree at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email: Standards.Section@ashrae.org.

♦ **GPC 46P, *Design and Construction Practices for Controlling Humidity in Residential Buildings***

PURPOSE:

The purpose of this guideline is to provide guidance and best practices for controlling moisture and humidity, in the design and construction of new residential buildings.

SCOPE:

This guideline is to assist in the design and construction of new residential dwellings (e.g., single family attached and detached, and multifamily). It covers all systems and spaces including attics, basements, crawl spaces, and common areas in multifamily housing and applies to all climate zones. The guideline is to address building performance testing and diagnostic considerations and best practices. The guideline excludes buildings with transient occupancies such as hospitality and dormitory facilities and the building operational phase. It does not incorporate guidance for testing/diagnostic or remediation/ restoration practices after the building is occupied.

♦ **SSPC 209, *Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings***

PURPOSE: Define minimum requirements for providing energy design assistance using building energy simulation and analysis.

SCOPE: This standard applies to new buildings or major renovations of, or additions to, existing buildings utilizing energy simulation during the design process. This standard does not apply to single-family houses, multi-family structures of three stories or fewer above grade, manufactured houses (mobile homes) and modular homes.



STANDARDS ACTIONS

JOIN A LISTSERVE

Click on the following link to learn more about ASHRAE Standards Activities <https://www.ashrae.org/listserves>.

- ⇒ [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 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 \(CIS\)](#)