



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 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
November 29, 2024 to December 29, 2024**

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *af* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

In this version of addendum *af*, additional changes are made to ensure alignment between 90.1 and the Department of Energy Regulations for electric motor efficiency that will go into effect on June 1, 2027.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *aj* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This revision to the indoor pool energy recovery addendum is to clarify that supplemental heat may be used when heat recovery is occurring at 100 percent. It also defines a new option for using heat pump exhaust air energy recovery.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *aq* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This revision makes buildings in Climate Zone 8 exempt from on-site renewable energy requirements based on an updated cost effectiveness analysis.

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- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *as* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum modifies the definition of expanded performance data to clarify the applicable data sources. This definition has been introduced to improve alignment with ASHRAE 205.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bg* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum provides details about how to properly install rigid insulation boards, including where they are used entirely above the roof deck.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bh* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum introduces a requirement for unoccupied setback controls in the specified hospital and healthcare spaces and explains how they are to be configured within the specified operating limits.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bl* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum explains that portable electric spas are not covered in 90.1 pool requirements. It also removes the R-12 requirement for pool covers. Finally, it modifies the pool cover exemption to require more site-recovered or on-site renewable energy to be used for heating.

- ♦ **1st BSR/ASHRAE Addendum *h* to Standard 30-2019, *Method of Testing Liquid Chillers***

Addendum *h* to Standard 30-2019 revises Section 8.2.1 to state that all heat exchangers connected to the chiller shall remain connected for the duration of the test; clarifies that remote tubing lengths and sizes must be specified in the test plan; adds the requirement that redundant voltage measurements must be within $\pm 2\%$; and clarifies the Operation Condition Tolerance and Stability Criteria during Fan Cycling.



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- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *j* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

As ASHRAE 90.1-2022 and its addenda (i.e. published Addendum *k*) have added renewable generation and procurement requirements to the Standard, some renewable definitions and terms have mirrored what previously had been published in ASHRAE 189.1. However, the offsite procurement definitions and terms in ASHRAE 90.1 differ in several respects from Standard 189.1, and this addenda brings from ASHRAE 90.1 to ASHRAE 189.1 specific modifications that can clarify text for users, and that can establish consistency in ASHRAE 189.1 with the underlying ASHRAE 90.1 language, where appropriate.

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 15-2024, *Safety Standard for Refrigeration Systems***

This addendum revises portions of Standard 15 related to refrigerant pipe shafts.

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum *b* to ANSI/ASHRAE Standard 15-2024, *Safety Standard for Refrigeration Systems***

This addendum revises portions of Standard 15 related to refrigerant pipe shaft ventilation.

PUBLIC REVIEW—CALL FOR COMMENTS

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum *c* to ANSI/ASHRAE Standard 15-2024, *Safety Standard for Refrigeration Systems***

This proposed addendum to ASHRAE Standard 15-2024 updates the pressure relief device requirements for pressure vessels 6" or less and allows them to be protected in accordance with their listing. This change builds upon the change made by Standard 15-2022 addendum *a*.

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 15.2-2024, *Safety Standard for Refrigeration Systems in Residential Applications***

This proposed addendum is modifying Section 8 by eliminating one of the options for field applied joints, 8.2.5.1.c.

45-day Public Review November 29, 2024 – January 13, 2025

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *ab* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum introduces changes to the lighting zone definitions to align with Illuminating Engineering Society standards. It also adds values for pedestrian tunnels and loading docks in Lighting Zone 0. Finally, it reduces the wattage threshold from 78 Watts to 40 Watts for motion-controlled parking lot lighting mounted less than 24 feet above the ground.



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45-day Public Review November 29, 2024 – January 13, 2025

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *am* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This revision is a response to public comments on the first public review draft. U-factors for some fenestration types were modified according to feedback about commercial availability and cost. The U-factors that have been increased compared to the first draft are still an improvement compared to the 90.1-2022 standard.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ao* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum makes changes to the simplified lighting compliance path in Section 9.3 with new requirements for daylighting as well as motion sensing controls for parking lot luminaires mounted less than 24 feet above grade.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *ba* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum updates Table 6.8.1-15 with new minimum efficiency requirements for Water Source Heat Pumps (WSHPs) and a new metric for evaluating water-to-air products in accordance with AHRI 600.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bp* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum simplifies the calculation used to determine compliance with the Mechanical System Performance Path introduced in 90.1-2022.

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- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *bq* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum increases the minimum cooling efficiency requirements for room air conditioners and room air conditioner heat pumps installed outside the United States and places them in a new table, Table 6.8.1-22.

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 32-2018R, *Management for Sustainable, High-Performance Operations & Maintenance*** will hold a virtual meeting on December 3, 2024 from 1:00 pm to 2:00 pm (Eastern).

For additional information contact Jeff Gatlin, Chair of GPC 32 (jeffry.gatlin@stjude.org).

- ♦ **SSPC 15, *Safety Standard for Refrigeration Systems*** The Commercial HVAC Subcommittee of SSPC 15, *Safety Standard for Refrigeration Systems*, will hold virtual meetings on the following dates from 1:00 PM to 3:00 PM Eastern Time.

- ⇒ Tuesday, December 10th, 2024
- ⇒ Tuesday, January 14, 2025
- ⇒ Thursday, March 13, 2025
- ⇒ Tuesday, April 8, 2025
- ⇒ Tuesday, May 13, 2025
- ⇒ Tuesday, June 10, 2025

For additional information, please contact Phil Johnson, Chair, Commercial HVAC Subcommittee of SSPC 15 (philip.johnson@daikinapplied.com).



STANDARDS ACTIONS

STANDARD ACHIEVEMENT AWARD

Each year the Society recognizes the outstanding efforts of a single volunteer in the area of standards development. The Standards Achievement Award recognizes excellence in volunteer service and serves to heighten general membership awareness of, and interest in, standards activities.

The award is open to ASHRAE members who have demonstrated outstanding achievement in the ASHRAE standards development process based on criteria presented in Appendix B of the Standards Committee Reference Manual, which can be found on the ASHRAE website at: <http://www.ashrae.org/standards-forms-procedures>.

Nominations are solicited during the first half of the Society year and then the Standards Committee will select the recipient at the ASHRAE Winter Meeting in **Orlando, FL**.

The Standards Achievement Award will be presented during the Honors and Awards portion of the Plenary Session at the ASHRAE Annual Meeting in **Phoenix, AZ**. A certificate will be presented to the recipient by the ASHRAE President.

Please submit your nomination to the Sr. Manager of Standards Ryan Shanley by December 31, **2024**. The nomination form can be found listed under the "Other Forms" heading on the ASHRAE website at: <http://www.ashrae.org/standards-forms-procedures>

JOIN A LISTSERVE

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

- ♦ GPC 36 — High Performance Sequences of Operation for HVAC Systems
- ♦ 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 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
- ♦ SPC 201 — Facility Smart Grid Information Model
- ♦ ASHRAE Standards Action list serve
- ♦ Code Interaction Subcommittee (CIS)