



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
December 16, 2022 – January 15, 2023**

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *ah* 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 provides some corrections, revisions, and clarity to some sections and deletes others. In the Exception to 7.4.1.1.; the name of the referenced Green-e standard has changed. An informative note has been added for building projects outside of U.S. and Canada. Section 7.4.2.5 Air Curtains has been deleted because it is covered by ASHRAE Standard 90.1. Section 7.4.2.9 Building Envelope Trade-Off Option provision has been clarified. 7.4.3.1.1 Water-Cooled Centrifugal Chiller Packages Efficiency Adjustment has been deleted because it is covered by ASHRAE Standard 90.1. 7.4.3.10 Mechanical System Performance Path is added because it is new to ASHRAE 90.1-2022. Table C1.1, 5. Building Envelope penetrations is revised to make the performance path agree with the prescriptive path, which was not done when the requirement was added to the standard. Table C1.1, 5. Building Envelope penetrations is revised to make the performance path agree with the prescriptive path, which was not done when the requirement was added to the standard.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *ak* 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 aligns with the requirements proposed for EPD disclosure in Addendum z. The requirements include a minimum number of procured products to meet GWP limits set at 125% of the industry-wide EPD average. A jurisdiction-determined percentage of the cost of procured products must have a global warming potential (GWP) less than 125% of the industry average. In addition to the jurisdiction-determined percentage, a minimum of 10 building products, and all of the building products representing not less than 5% of the total cost of building materials, must meet the 125% GWP targets. This addendum is to be added before the current section 9.4 Material Selection. The numbering and ordering of Section 9 was modified as an editorial change in Addendum u, which removed the prescriptive and performance paths from the section.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *am* 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 cleans up Section 4.1 by removing text that is not needed. In earlier versions of 189.1, Section 4.1 described the use of prescriptive and performance options for compliance that were patterned on Standard 90.1. Only Section 7 still maintains the alternatives of prescriptive and performance paths, and the use of those alternatives is fully described within Section 7.2. There is no need to repeat the material from Section 7.2 in Section 4.1. This addendum will delete that duplicative text.

- ♦ **1st Public Review of BSR/ASHRAE Addendum *i* to ANSI/ASHRAE Standard 90.4-2019, *Energy Standard for Data Centers***

This addendum updates the Normative References from Standard 90.4 2019.



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PUBLIC REVIEW—CALL FOR COMMENTS

- ♦ **2nd Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *t* 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 is the 2nd public review of addendum *t*, independent substantive changes, which adds an exception to the renewable energy requirement for greenhouses and grow facilities dedicated to food for human consumption.

**45-day Public Review from
December 16, 2022, to January 30, 2023**

- ♦ **BSR/ASHRAE Addendum *c* to Standard 145.2-2016, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices* (First Public Review Draft)**

This addendum provides a standard laboratory test method for assessing the performance of gas-phase air-cleaning devices.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *ag* 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 LPDs based on a comprehensive review of all inputs to more closely match the IES recommended practices for task and circulation illuminance values. This proposal also updates the additional lighting power allowances to reflect ornamental, and display lighting efficacies. Additionally, the credit for institutional tuning (now called high-end trim tuning) is removed as the credit for this control strategy is used for claiming the additional efficiency points in Section 11 of ASHRAE 90.1 and it would be less confusing to have this credit in one place and not two. The enforcement structure the requirements have not changed.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *ai* 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 modifies Section 7 of ASHRAE 189.1, the energy efficiency section, which is in addition to or supersedes the requirements in ASHRAE 90.1. This proposal updates ASHRAE 189.1 to account for the changes to ASHRAE 90.1-2022 which will have a new additional efficiency energy credit section (addendum *ap*). This proposal is an add-on to the prescriptive path.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *aj* 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 adds Section 7.5.2.2 as a jurisdictional option along with normative Appendix M. If adopted by an AHJ, this section would supplement Section 7.5.2.1 and allow the electricity greenhouse gas emissions of both the proposed design and the baseline building to be calculated using long-run marginal emission rates (LRMER). GHG emissions from direct use of fossil fuels and thermal energy in buildings would continue to be calculated using the procedures in Section 7.5.2.1.



STANDARDS ACTIONS

INTERIM MEETINGS

JOIN A LISTSERVE

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>

- ♦ **SGPC 10, *Interactions Affecting the Achievement of Acceptable Indoor Environments***, will hold virtual meetings on the following dates from 6:00 pm to 7:00 pm (Eastern).
 - ⇒ December 13, 2022
 - ⇒ January 10, 2023
 For additional information contact Carl Grimes, Chair of SGPC 10 (cgrimes@haywardhealthyhome.com)
- ♦ **SPC 155P, *Method of Testing for Rating Commercial Space Heating Boiler Systems***, will hold a web meeting on January 5, 2023 from 11:00 am to 12:00 pm (Eastern). For additional information contact Thomas Butcher, Chair of SPC 155 (butcher@bnl.gov).
- ♦ **SSPC 72, *Method of Testing Open and Closed Commercial Refrigerators and Freezers***, will hold a web meeting on January 16, 2022 from 1:00 pm to 3:00 pm (Eastern). For additional information contact Stephen Schaefer, Chair of SSPC 72 (stschaefer@hoshizaki.com).

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 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](#)
- ⇒ [SPC 201 — Facility Smart Grid Information Model](#)
- ⇒ [ASHRAE Standards Action list serve](#)
- ⇒ [Code Interaction Subcommittee \(CIS\)](#)