



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.

**14-day Public Review from
February 2, 2024 to February 16, 2024**

♦ **ASHRAE Standard 242P, *Standard Method for Calculation of Building Operational Greenhouse Gas Emissions***

This standard provides a common methodology for the calculation of greenhouse gas (GHG) and carbon emissions of new and existing buildings. This standard provides a consistent procedure and data to be referenced by other standards that define methods of evaluation, verification, limitations, or targets for new and existing buildings.

**30-day Public Review from
February 2, 2024 to March 3, 2024**

♦ **1st Public Review of ASHRAE Addendum *a* to ASHRAE Guideline 1.4-2019, *Preparing Systems Manuals for Facilities*.**

This proposed addendum expands or revised specified sections of Guideline 1.4

♦ **2nd Publication Public Review (Independent Substantive Change) of BSR/ASHRAE Addendum *b* to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems***

This proposed addendum revises Section 9.7.5 to clarify intent, clarify requirements, and makes editorial changes on pressure relief devices that were issued in Addendum *a* to ANSI/ASHRAE Standard 15-2019. This second public review draft corrects the determination of relieving pressure for fusible plugs.



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**30-day Public Review from
February 2, 2024 to March 3, 2024**

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

This addendum to Std 189.1 changes the particulate matter removal requirement to reference MERV-13A instead of MERV-13 to acknowledge the limitations of electrostatic charged filters and in order to ensure that the minimum intended filtration performance is maintained over the installed life of the filter. This proposed change also brings better alignment between the Std. 52.2 and ISO 16890 compliance pathways. Note also that ASHRAE Std. 241 requires MERV-A ratings for air filters starting on 1/1/25 in order to take credit for the use of air filters for the control of infectious aerosols. This addendum is expected to increase operating costs for a building, but the magnitude is not known. However, this addendum ensures long-term performance of filters.

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

This addendum creates a Jurisdictional Option (JO) that prohibits future installation of irrigation systems for non-functional turfgrass. Turfgrass is one of the highest water use plants commonly found in landscapes in the built environment. Communities in arid areas will be the most interested in this JO, though water shortages can occur for reasons other, such as water system treatment and distribution limitations or source water impairment. As such, this may be of interest to a significant set of AHJs.

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

This addendum adds a jurisdictional option to use an integrated design process plan and provides reference to Informative Appendix F and ANSI/ASHRAE/IES Standard 202 for guidance. Integrated design is an essential concept to create high-performance green buildings, especially those needed to meet zero energy and zero carbon goals. This addendum adds a requirement for the development of an integrated design process plan to outline how the building project will be designed and constructed. This requirement will help document the expectations for the owner and will help teams without this process more effectively meet the requirements of the standard.



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45-day Public Review from
February 2, 2024 to March 18, 2024

- ♦ **1st Full Public Review BSR/ASHRAE/ICC Standard 240P, *Quantification of Life Cycle Greenhouse Gas Emissions of Buildings***

The purpose of this standard is to provide a methodology to quantify and document greenhouse gas emissions associated with buildings, building systems, and building equipment, and their sites over their life cycle. This standard provides minimum requirements for the quantification of embodied and operational greenhouse gas emissions associated with buildings, and their sites. This standard provides minimum requirements for documentation of life cycle greenhouse gas emissions. This standard does not set benchmarks or establish levels of building performance.

- ♦ **BSR/ASHRAE Standard 231P, *A Control Description Language for Building Environmental Control Sequences* (First Public Review Draft)**

The purpose of ASHRAE Standard 231-202x is to define a declarative graphical programming language for building environmental control sequences that are both human- and machine-readable designed for specification, implementation through machine-to-machine translation, documentation, and simulation.

- ♦ **Advisory Public Review of Addendum *p* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

Standard 90.2 is accepting public comments regarding proposed updates to Informative Appendix E (Procedures for Generating Prescriptive Paths) and the proposed deletion of Appendix F, which had provided an example of a prescriptive path.



STANDARDS ACTIONS

CALL FOR MEMBERS

A *Call for Members* is announced for the following PCs. Persons who are interested in serving on these ASHRAE committees 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 Ryan Shanley at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email

Standards.Section@ashrae.org.

♦ **ASHRAE Standard 242P, *Standard Method for Calculation of Building Operational Greenhouse Gas Emissions***

1 Purpose: This standard provides a common methodology for the calculation of greenhouse gas (GHG) and carbon emissions of new and existing buildings. This standard provides a consistent procedure and data to be referenced by other standards that define methods of evaluation, verification, limitations, or targets for new and existing buildings.

2 Scope:

2.1 This standard covers:

a. calculation methodology for determination and expression of building(s) GHG and carbon emissions associated with building operations including energy use; and

calculation methodology for determination and expression of the building(s) GHG and carbon emissions associated with flows across the site boundary and off-site credited flows.

a 2.2 This standard provides:

a. Uniform method of calculation and minimum required level of rigor

b. Identification of data required and calculations to be used

c. Identification of reporting metrics to be used

Definitions and Terminology

2.3 This standard does not establish methods of evaluation, verification, GHG or carbon emission goals or limits, or provide design guidance or requirements for buildings.

ERRATA

A new errata sheet for the following standard is now available on the ASHRAE website at <https://www.ashrae.org/technical-resources/standards-and-guidelines/standards-errata>

♦ ANSI/ASHRAE Standard 90.4-2022 *Energy Standard for Data Centers* dated December 11, 2024

♦ ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023 *Design of High-Performance Green Buildings Except Low-Rise Residential Buildings* dated January 24, 2024



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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>

♦ SPC 213P, *Method for Calculating Moist Air Thermodynamic Properties*, will hold virtual meetings from 9:00 am to 11:00 am (Eastern) on the following dates:

- ⇒ February 23, 2024
- ⇒ April 5, 2024
- ⇒ May 3, 2024
- ⇒ June 6, 2024

For additional information, please contact Vikrant Aute, Chair of SPC 213 (vikrant@umd.edu)

♦ GPC 45P, *Measurement of Whole Building Performance for Occupied Buildings except Low-Rise Residential Buildings*, will hold virtual meetings from 11:30 am to 12:30 pm (Eastern) on the following dates:

- ⇒ February 12, 2024
- ⇒ March 4, 2024
- ⇒ March 25, 2024
- ⇒ April 15, 2024
- ⇒ May 6, 2024

For additional information contact Hyojin Kim, Chair of GPC 45 (hyojin.kim@njit.edu).



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INTERPRETATIONS

New official interpretations to the following standards are now available on the ASHRAE website at:

<http://www.ashrae.org/standards-interpretations>

- ♦ **ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated January 30, 2024 . Refers to the requirements presented only in ANSI/ASHRAE/IES Standard 90.1-2019, Section 3.2, 4.1.2, 4.2.1.3, and 5.1.3, regarding roof replacement.
- ♦ **ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated January 30, 2024 . Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2019, Section G3.1.2.6 Exception 2, regarding determining if the proposed design includes an economizer.
- ♦ **ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated January 30, 2024 . Refers to ANSI/ASHRAE/IES Standard 90.1-2022, Section 8.4.3, regarding exceptions for Electrical Energy Monitoring in health care facilities.
- ♦ **ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated January 30, 2024 . Refers to ANSI/ASHRAE/IES Standard 90.1-2022, Section 9.2.2 and Table 9.2.2, regarding table not referenced in Section 9.2.2.2 .
- ♦ **ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated January 30, 2024 . Refers to ANSI/ASHRAE/IES Standard 90.1-2022, Section 7.4.2 and Table 7.4-1, regarding Heat Pump Water Heaters used for Domestic Water Heating.



STANDARDS ACTIONS

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 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)