



STANDARDS ACTIONS

GENERAL ANNOUNCEMENTS

ASHRAE Standards staff will host virtual trainings for project committee members from 12:00 PM to 12:30 Eastern Time on the dates below. Interested parties can register for each training at the corresponding link.

- ♦ Thursday, May 1st, 2025 – Responding to Public Review Comments (<https://ashrae.webex.com/weblink/register/r6428515c69558a07d847eaf5e9f1c296>)
- ♦ Thursday, June 5th, 2025 – Duplication/Harmonization of Standards and Guidelines (<https://ashrae.webex.com/weblink/register/r63b2b3b8908e3d86ee8b91668b022116>)

Please contact Ryan Shanley, Senior Manager of Standards (rshanley@ashrae.org) with any questions.

ERRATA

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

- ♦ **ANSI/ASHRAE STANDARD 225-2020 *Method for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units***, dated April 2, 2025.

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 90.1-2022 , *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***, dated April 10, 2025 (Refers to ANSI/ASHRAE/IES Standard 90.1-2022, Section 5.5.5.5, and Tables 12.5.1 and A10.1, regarding linear thermal bridges not addressed in 5.5.5.1/5.5.5.4.)

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
April 18, 2025 to May 18, 2025**

- ♦ **1st Public Review of BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 90.4-2022, *Energy Standard for Data Centers***

The current ASHRAE 90.4 MLCs, primarily developed in 2018, are based on air-cooled racks served by CHW CRAH units, served by an air-cooled chiller system. It is not a particularly efficient data center today, or when it was adopted, but it was a significant improvement over the previous MLCs and it was not particularly controversial, as most new data centers have little trouble meeting these MLCs. Much has happened since the 90.4 MLCs were last updated in 2018, most notably the explosion of AI data centers with high density liquid-cooled racks. This addendum was developed by modeling several typical data center systems across different climate baselines and then a combination of air-cooled and liquid-cooled equipment to meet the MLC. Other systems that are expected to meet the proposed MLCs include: air-cooled racks with direct evaporative cooling, liquid-cooled racks with immersion cooling, and several proprietary systems including ones using liquid cooling refrigerant and phase change. Lastly, this section makes changes to both the previous standard and published Addendum *g* to Standard 90.4-2022.



STANDARDS ACTIONS

PUBLIC REVIEW-CALL FOR COMMENTS

- ♦ **1st Public Review of BSR/ASHRAE/ACCA Addendum b to ANSI/ASHRAE/ACCA Standard 211-2018 (RA 2023), *Standard for Commercial Building Energy Audits and Decarbonization Assessments***

This addendum adds definitions for energy audit, decarbonization assessment, and retrocommissioning.

- ♦ **1st Public Review of BSR/ASHRAE/ASHE Addendum u to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities***

The glossary changes in this proposed addendum are coordinated with changes that the FGI editions are incorporating as evolving guidance on the planning and programming of these various treatment settings is prescribed by FGI. The space ventilation tables have been updated with the addition of new FGI spaces that will be detailed in their upcoming editions.

- ♦ **1st Public Review of BSR/ASHRAE/ASHE Addendum v to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities***

This proposed addendum follows up on action earlier this year when the committee expanded the minimum definition of a HEPA filter to include those filters classified under test methods more commonly used outside the United States. The reason behind this was to offer better guidance to international users of Standard 170 and to follow through on ASHRAE's desire to be a more global organization. For general ventilation air filters, there are two primary classification test standards: the MERV rating system, based on ASHRAE 52.2, and the ISO 16890 standard, which replaced the European Norm (EN 779) a few years ago. This proposed addendum provides equivalencies between ASHRAE 52.2 and ISO 16890 with regard to minimum filtration required by Standard 170.

PUBLIC REVIEW-CALL FOR COMMENTS

**45-day Public Review from
April 18, 2025 to June 2, 2025**

- ♦ **1st Public Review of BSR/ASHRAE Standard 41.9-2021R, *Standard Methods for Refrigerant Mass Flow Measurements Using Calorimeters***

This revision of ANSI/ASHRAE Standard 41.9-2021 prescribes methods for measuring mass flow rates for refrigerants and refrigerant/lubricant mixtures using calorimeters. The revision also makes it easier for the higher-tier ASHRAE standards to adopt this standard by reference, updates the steady-state criteria sections.

- ♦ **1st Publication Public Review of BSR/ASHRAE Standard 185.5P, *Method of Testing HVAC-duct mounted Devices and Systems and In-Room devices for Particle and Microorganism Removal or Inactivation in a Chamber with a Recirculating Duct System***

Many test methods exist for single pass testing of HVAC mounted devices that remove contaminants in the unit. There are also tests (AHAM, ASHRAE) for many in-room air cleaners. However, there were no standard test methods for air cleaners that are mounted in a duct but perform most or all of their function in the occupied spaces in a building. To address this issue, ASHRAE convened SPC 185.5 to develop tests for bioaerosol and for particle challenges in a chamber with recirculating duct test facility as Standard 185.5P.



STANDARDS ACTIONS

PUBLIC REVIEW-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 Guideline 11-2021, *Field Testing of HVAC Controls Components***

1. PURPOSE: This guideline provides a procedure for field testing and adjusting of control components used in building heating, ventilating, air conditioning, and refrigeration (HVAC&R) systems.

2. SCOPE: This guideline covers the procedures, formats, and methods necessary for evaluation and documentation of the performance of devices and systems that control HVAC&R systems.

NEW REVISION PROJECTS APPROVED

The following Standards projects were recently approved for revision. The TPSs for these projects are not available for public review comment at this time. If you would like to comment, please email Ryan Shanley at: Standards.Section@ashrae.org.

- ♦ **BSR/ASHRAE Standard 139-2022R, *Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process***
- ♦ **BSR/ASHRAE Standard 219-2021R, *Method of Testing the Ability of Liquid Line Filter Driers or Adsorbents to Remove Organic Acid***



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 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)