ASHRAE Shaping Tomorrow's Global Built Environment Today

Volume XXIV, Issue 120

May 2, 2025

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, 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.

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***

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/pcmemberapp 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.

- **BSR/ASHRAE Standard 139-2022R**, ***Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process***

CALL FOR MEMBERS

1. PURPOSE: The purpose of this standard is to provide test methods for determining the moisture removal capacity of heat-regenerated desiccant dehumidifiers as well as the coincident thermal energy performance so that comparative evaluations of capacity and performance can be made irrespective of the type or make of the device.

2. SCOPE:

2.1 This standard applies to desiccant based dehumidifiers operating at atmospheric pressure. The dehumidifier may utilize solid or liquid desiccants that are regenerated utilizing heat energy.

2.2 Normally, equipment within this standard would consist of one or more desiccant contact stations through which the air to be dehumidified is moved, a means to expose the moisture-laden desiccant to a source of heat energy for regeneration, and a heating device.

2.3 Ancillary devices are normally utilized to move air to be dehumidified through the device and provide ventilation for regeneration, but they are not a part of this standard.

2.4 This standard is intended to:
(a) describe a uniform method of testing for obtaining performance data,
(b) describe and specify test instruments and apparatus,
(c) describe and specify test data to be recorded, and
(d) describe and specify calculations to be made from test data.

2.5 This standard does not apply to:
(a) dehumidifiers operating at other than atmospheric pressure,
(b) dehumidifiers not utilizing a desiccant for dehumidification,
(c) dehumidifiers not utilizing heat for regeneration of the desiccant, or
(d) ancillary equipment which may be used in any dehumidification process such as fans, pre or post conditioning equipment, etc.

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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
May 2, 2025 to June 1, 2025

- **2nd Publication Public Review of BSR/ASHRAE Addendum *ac* to ANSI/ASHRAE Standard 15-2024, *Safety Standard for Refrigeration***

This addendum modifies Section 7.6.2.5(d) to resolve an internal conflict within the standard.

- **1st Public Review of ASHRAE Addendum *u* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***

This list of "other factors" in Section 2.2b that may affect occupant perception and acceptance of IAQ can be confusing to the user. This proposed addendum revises the list to broaden the language.

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

This independent substantive change to Addendum bu clarifies a few details in Table G3.2.3.17 for elevator consumption calculations.

PUBLIC REVIEW-CALL FOR COMMENTS

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

This addendum modifies Table 6.8.1-7 for "adiabatic fluid coolers, integral pad type" to provide new rating conditions for entering and leaving water because the previous values were not representative of the operating conditions for a substantial number of models.

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

This addendum revises the wattage threshold for requiring automatic daylight responsive controls in sidelighted areas.

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

This addendum clarifies that gross lighted floor area in a multifamily building does not include dwelling units.

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

This addendum adds the Cool Roof Rating Council (CRRC) S100-2025 standard as an alternative compliance path for determining the solar reflectance and thermal emittance of walls.

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

This addendum provides changes to the EV readiness language to align with the NEC 2023.

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

This addendum modifies appropriate parts of Sections 3 and 6 of the standard to require air circulating fans in the U.S. to be tested and rated in accordance with 10 CFR Part 431 (Subpart J to Appendix B.)

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

This addendum clarifies the requirements in Section 6.1 for alterations by aligning the structure of Section 6.1.4 with similar sections covering alterations in Sections 5.1.4, 7.1.4, 8.1.4, and 9.1.1.3 of the standard.

- **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *o* 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 proposed addendum introduces a new jurisdictional option with requirements for bird-friendly glazing design in buildings. Bird collisions with buildings are the second principal cause of avian mortality in the United States, second only to cats. Primary risk areas are addressed including glazing in vertical fenestration, spandrel, skylights, glazed corners, fly-through conditions, and glazed railings up to 75 ft above grade, as well as glazing adjacent to roof areas with vegetation or water features. Different options are provided for compliant bird-friendly characteristics including glazing with a prescriptively specified pattern of visual markers, glazing compliant with the CSA A460:19 standard, or exterior attachments such as metal screens mounted over glazing.

PUBLIC REVIEW-CALL FOR COMMENTS

45-day Public Review from May 2, 2025 to June 16, 2025

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

This addendum adds a new baseline HVAC system in Appendix G to differentiate between single zone VAV systems that use a fossil fuel boiler versus electric resistance heating. This addendum also modifies requirements for setting up HVAC zones and thermal blocks when a system uses different economizers.

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

This addendum adds one additional energy credit for HVAC heating thermal storage systems and updates the current energy credit for HVAC cooling thermal storage based on additional studies performed by PNNL.

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

This revision to proposed Addendum ae provides some necessary corrections and updates to values in Tables 6.8.1-1 and 6.8.1-2.

- **1st Public Review of BSR/ASHRAE Standard 145.4P, *Method of Test for Assessing the Gas-Phase Performance of Air Cleaning Devices and Systems in a Duct-Chamber Apparatus***

The purpose of Standard 145.4P is to provide a laboratory test method for evaluating air cleaning devices for challenge gas removal in a combined duct-chamber system with continuous recirculation.

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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

- **SSPC 140,** ***Method of Test for Evaluating Building Performance Simulation Software*** will hold a web meeting on May 23, 2025 from 11:00 am to 12:00 pm (Eastern).

For additional information contact Tim McDowell, Chair of SSPC 140 (mcdowell@tess-inc.com).

- **SPC 195-2024R,** ***Method of Test for Rating Air Terminal Unit Controls*** 195 will hold a conference call on May 5, 2025, from 1:00 PM to 2:00 PM (Eastern)

For additional information contact Jeff Stein, Chair of SPC 195 (jstein@taylor-engineering.com).

- **SSPC 228,** ***Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance*** will hold a virtual meeting on May 13, 2025 from 3:00 pm to 4:30 pm (Eastern).

For additional information, please contact Carsen Banister, Vice-Chair, Vice-Chair of SSPC 228 (carsen.banister@gmail.com).

- **SPC 245,** ***Acceptable Performance Standard for District Cooling Systems*** will hold a virtual meeting on Tuesday, June 10th, 2025, from 8:00 AM to 10:00 AM Eastern.

For additional information, please contact Ryan Shanley, Chair of SPC 245 (rshanley@ashrae.org).

INTERIM MEETINGS

- **SPC 243P ,** ***Safety Standard for Transportation Refrigerating Systems*****,** will hold virtual meetings on the following dates from 3:00 PM to 4:00 PM Central Time.

⇨ Monday, May 19, 2025
⇨ Saturday, June 21, 2025 - 2025 ASHRAE Annual Conference (12:00 PM – 2:00 PM MST)
⇨ Monday, July 21, 2025
⇨ Monday, August 18, 2025
⇨ Monday, September 22, 2025
⇨ Monday, October 20, 2025
⇨ Monday, November 17, 2025
⇨ Monday, December 15, 2025

For additional information, please contact Alex Schmig, Chair, SPC 243P (alexander.schmig@trane.com).

STANDARDS ACTIONS

JOIN A LISTSERVE

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

- SGPC 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 Sites and Buildings Except Low-Rise Residential Buildings
- SSPC 90.2 — High-Performance Energy Design of Residential Buildings
- SSPC 90.4 — Energy Standard for Data Centers
- SSPC 161 — Air Quality within Commercial Aircraft
- SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
- ASHRAE Standards Action list serve
- Code Interaction Subcommittee (CIS)