



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
April 28, 2023, to May 28, 2023**

- ♦ **1st Publication Public Review of BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 15.2-2022, *Safety Standard for Refrigeration Systems in Residential Applications***

This proposed addendum expands the scope of ANSI/ASHRAE Standard 15.2 to apply to both direct and indirect refrigeration systems in residential applications.

- ♦ **BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings* (First Public Review Draft)**

This proposed addendum clarifies the intent of Section 6.6 Air Inlets and modifies terminology to be more consistent with that used by industry and by building codes.

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

Modifies dead band requirements to include separate, adjustable set points for thermostats used to control both heating and cooling. Would also require a minimum of 1°F (0.5°C) dead band between heating and cooling for all occupancies.

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

Updates Table G3.1.1-1 to clarify how baseline fenestration area is determined for retail buildings.

- ♦ **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *e* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

Addendum *e* introduces a new section for lighting controls in common and public areas where previously only a reference to the 90.1 requirements was available. In this independent substantive change, power reduction for luminaires serving outdoor parking lots is adjusted from the originally proposed value of 75% to 50% as a safety measure.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum *h* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

This addendum proposes changes to the maximum allowable air leakage in the building thermal envelope. The increase from 5 to 3.6 ACH₅₀ is consistent with the latest requirements of ASHRAE 62.2-2022. Updates to Appendix C are also proposed so that testing can be performed as a whole building or by dwelling unit where appropriate.



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**45-day Public Review from
April 28, 2023, to June 12, 2023**

- ♦ **BSR/ASHRAE Addendum ab to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality* (Fifth Independent Substantive Change Public Review Draft)**

Using CO₂ to control outdoor air ventilation rates, called Demand Control Ventilation (DCV), has become increasingly popular to achieve energy savings in buildings that have varying occupancy rates. This proposed addendum adds differential CO₂ concentration limits above ambient to Table 6-1 specifically for use with CO₂ DCV systems. CO₂ limits shown in Table 6-1 are the differential concentration above ambient. In recognition of the uncertainty due to the range of assumptions, and for ease of use, the resulting differential CO₂ concentration limits were then rounded off to the nearest multiple of 300 ppm. Some occupancies have CO₂ limits listed as "NA", meaning DCV is not applicable and may not be used. This public review draft shows changes to the previous public review.



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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 Connor Barbaree at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email

Standards.Section@ashrae.org.

♦ SPC 26, *Mechanical Refrigeration and Air Conditioning Installations Aboard Ship*

Purpose: This standard provides the minimum general requirements for the design, construction, installation, operation, inspection and maintenance of mechanical refrigeration and air conditioning equipment aboard ships to permit the safe, efficient and reliable operation of such systems.

Scope:

1 This standard covers:

- (a) refrigeration and air conditioning systems that are an integral part of the main mechanical plant of merchant, fishing and seafood processing ships, and
- (b) refrigerated sea water and brine chilling systems that air condition and dehumidify passenger and cargo spaces, chill or freeze perishable cargo or maintain storage of chilled or frozen cargo.

2 This standard does not cover:

- (a) details of system designs or applications,
- (b) small, self contained units which are not an integral part of the ship's main mechanical plant such as electric water coolers, reach-in refrigerators and room air conditioners,
- (c) cargo containers with self contained refrigeration systems, and
- (d) liquefied gas ships.

3 Exceptions to the literal details of this standard may be used when approved by the authorities having jurisdiction when equivalent safety, efficiency and reliability are achieved.



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♦ **SSPC 15, *Safety Standard for Refrigeration Systems***

Purpose: This standard specifies safe design, construction, installation, and operation of refrigeration systems.

Scope:

- 1 This standard establishes safeguards for life, limb, health and property and prescribes safety requirements.
- 2 This standard applies to:
 - the design, construction, test, installation, operation, and inspection of mechanical and absorption refrigeration systems, including heat-pump systems used in stationary applications;
 - modifications, including replacement of parts or components if they are not identical in function and capacity; and
 - substitutions of refrigerants having a different designation.
- 3 This standard shall not apply to refrigeration systems using ammonia (R-717) as the refrigerants.
- 4 This standard does not apply to residential refrigeration systems serving only a single dwelling unit or sleeping unit complying with ASHRAE Standard 15.2.

Note: *Applications are being specifically sought for the SSPC 15 Commercial HVAC Subcommittee for the following interest categories:*

1. **Designer/Builder:** Those who provide building design/HVACR design and construction services, including consulting engineers, HVACR and general contractors, design/build contractors, or representatives of associations of these types of professionals.
2. **General:** A member who cannot be categorized in any other approved interest category covered in the project scope.

Owner/Operator/Occupant: Employees or representatives of building owners/managers, building engineers, facility managers, and consultants who specialize in working in existing buildings (as opposed to those who design and construct new buildings), as well as representatives of building occupants.



STANDARDS ACTIONS

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 40-2014R, *Methods of Testing for Rating Heat Operated Unitary Air-Conditioning and Heat-Pump Equipment***, will hold web meetings from 12:00 pm to 1:00 pm (Eastern) on the following dates:

- ⇒ April 24, 2023
- ⇒ May 22, 2023
- ⇒ June 26, 2023
- ⇒ July 24, 2023
- ⇒ August 28, 2023
- ⇒ September 25, 2023
- ⇒ October 23, 2023
- ⇒ November 27, 2023
- ⇒ December 25, 2023

For additional information contact David Scarce, Chair of SPC 40 (scearced@azengineer.net).

- ♦ **SPC 129-1997R, *Measuring Air-Change Effectiveness***, will hold a virtual web meeting on May 3, 2023 from 12:00 pm to 1:00 pm (Eastern).

For additional information contact Thomas Smith, Chair of SPC 129 (tcsmith@3flow.com).

- ♦ **SPC 150-2019R, *Method of Testing the Performance of Cool Storage Systems***, will hold conference calls from 5:00 pm to 6:00 pm (Eastern) on the follow dates:

- ⇒ May 8, 2023

For additional information contact Charles Dorgan, Chair of SPC 150 (cedorgan@wisc.edu).

- ♦ **SPC 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***, will hold web meeting from 3:00 pm to 5:00 pm (Eastern) on the following dates:

- ⇒ March 16, 2023
- ⇒ May 18, 2023
- ⇒ June 15, 2023
- ⇒ July 20, 2023
- ⇒ August 17, 2023
- ⇒ September 21, 2023
- ⇒ October 19, 2023
- ⇒ November 16, 2023
- ⇒ December 21, 2023

For additional information contact Kathleen Owen, Chair of SPC 185.5 (kathleenowen@att.net).



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- ♦ **SSPC 30, Method of Testing Liquid Chillers**, will hold a web meeting on May 12, 2023 from 1:00 pm to 2:00 pm (Eastern).

For additional information contact Nicholas Zupp, Chair of SSPC 30 (nicholaszupp@yahoo.com).

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 \(CIS\)](#)