



## 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](mailto: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  
July 7, 2023, to August 6, 2023**

♦ **3<sup>rd</sup> Publication Public Review of BSR/ASHRAE Addendum *t* to ANSI/ASHRAE Standard 15-2019, *Safety Standard for Refrigeration Systems***

This third publication public review (PPR3) makes fundamental changes to the approach for handling information technology equipment (ITE) and data center applications, in response to public comments to the PPR2 draft. The intent is to address the concerns expressed for ITE applications in a general manner that applies to all refrigerating system installations, thus avoiding the need to define new terms specific to ITE applications.

♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum *f* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***

This proposed addendum provides flexibility to builders and architects regarding the placement of exhaust and intake terminations for ventilation systems by reducing the minimum separation distance required from a dwelling unit ventilation system's outdoor air intake and an exhaust termination serving the same dwelling unit. In accordance with the new proposed exception to Section 6.6, the 10 foot (3m) minimum separation distance may be reduced to 5 feet (1.5m) under certain conditions. This exception was developed based on the application of research that included wind tunnel modeling of exhausts and intakes on a building facade.

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

This addendum expands the renewable energy provisions of Standard 90.1 to allow the use of off-site renewable energy to meet the requirements, as specified for each climate zone. These changes include additional information about how off-site renewable energy procurement is to be documented.

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

This proposal introduces changes to align the existing lighting efficacy values for dwelling units with recent updates to ASHRAE 90.1-2022. This proposal would require all such lighting to be high efficacy compared to the 75% requirement in 90.1. Additional changes are included to enable the use of color tunable (RGB color) and tunable white (CCT tunable) light sources, which allows for higher lighting quality and supports the indoor environmental requirements of Section 7.3.3. Finally, this proposal removes an exception that exempted lighting designed for safety or security from the efficacy and control requirements applicable to other lighting, which are not considered prohibitive.



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**30-day Public Review from**  
**July 7, 2023, to August 6, 2023**

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

This proposal provides a compliance path for residential projects undergoing a major renovation, adding a new definition for "substantial energy alteration" and specifying the minimum Energy Rating Index (ERI) score for those that qualify.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *be* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

Standard 189.1 used to reference Standard 170 for ventilation rates in healthcare spaces, but those references were removed via published Addendum n to 189.1-2020. However, a sentence remains addressing situations in which such a space is covered by both Standard 62.1 and Standard 170. The changes implemented in addendum n are shown below the line for reference only and are not subject to comment. In addition, editorial changes showing the correct in-text section number reference are updated for clarification in the section.

**45-day Public Review from**  
**July 7, 2023, to August 21, 2023**

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

This proposal includes three major modifications. First, it introduces changes to allow off-site power, owned by the building owner, to be counted toward the Energy Rating Index (ERI) score. Second, it includes requirements for energy storage when on-site or off-site power is being used to meet the ERI score. Third, it lowers the ERI and CO<sub>2</sub>e Rating Index (CRI) requirements when using renewable energy systems while establishing an efficiency backstop (i.e., the ERI that must be achieved without counting renewable energy.) This addendum was developed based on the results of a PNNL analysis that determined achievable ERI and CRI values for each climate zone; that methodology is described in greater detail within the foreword. Finally, this addendum includes an optional informative appendix describing how jurisdictions wishing to adopt net zero energy or carbon requirements can adjust the ERI and CRI values, respectively, to do so.



## 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>

- ♦ **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:

⇒ ~~July 25, 2023~~

⇒ July 24, 2023

⇒ August 14, 2023

⇒ September 11, 2023

⇒ September 25, 2023

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

- ♦ **SPC 182-2020R, *Method of Testing Absorption Water-Chilling and Water-Heating Packages***, will hold a conference call on August 23, 2023 from 1:00 pm to 2:15 pm (Eastern).

For additional information contact Amit Vatsa, Chair of SPC 182 ([amit@broadusa.com](mailto:amit@broadusa.com)).

- ♦ **SSPC 15, *Safety Standard for Refrigeration Systems***, will hold virtual meetings on the following dates from 1:00 PM to 3:00 PM Eastern Time

⇒ Friday, July 28<sup>th</sup>, 2023

⇒ Friday, August 25<sup>th</sup>, 2023

⇒ Friday, September 22<sup>nd</sup>, 2023

⇒ Friday, October 27<sup>th</sup>, 2023

⇒ Thursday, November 16<sup>th</sup>, 2023

⇒ Thursday, December 21<sup>st</sup>, 2023

For additional information, please contact Ryan Shanley, Staff Liaison to SSPC 15 ([rshanley@ashrae.org](mailto:rshanley@ashrae.org)).

- ♦ **SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems***, will hold a virtual meeting on August 7, 2023 from 11:00 am to 1:00 pm (Eastern).

For additional information contact Ivan Rydtkin, Chair of SSPC 147 ([ivan.rydtkin@gmail.com](mailto:ivan.rydtkin@gmail.com)).



## STANDARDS ACTIONS

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- ♦ **SSPC 189.3, *Design, Construction and Operation of Sustainable High Performance Health Care Facilities***, will hold virtual meetings on the following dates from 1:30 PM to 3:00 PM Eastern Time.
  - ⇒ Thursday, August 17<sup>th</sup>, 2023
  - ⇒ Thursday, September 21<sup>st</sup>, 2023
  - ⇒ Thursday, October 19<sup>th</sup>, 2023
  - ⇒ Thursday, November 16<sup>th</sup>, 2023
  - ⇒ Thursday, December 14<sup>th</sup>, 2023
  - ⇒ Thursday, February 15<sup>th</sup>, 2024
  - ⇒ Thursday, March 21<sup>st</sup>, 2024
  - ⇒ Thursday, April 18<sup>th</sup>, 2024
  - ⇒ Thursday, May 16<sup>th</sup>, 2024

For additional information, please contact Ryan Shanley, Staff Liaison to SSPC 189.3 ([rshanley@ashrae.org](mailto:rshanley@ashrae.org)).

### 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 Connor Barbaree at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email [Standards.Section@ashrae.org](mailto:Standards.Section@ashrae.org).

- ♦ **Standards Reaffirmation Subcommittee (SRS)**

SRS acts as the consensus body for reaffirmation and withdrawal of ASHRAE standards and guidelines. Under limited circumstances SRS acts as the consensus body for revision of standards and guidelines. As a standing project committee, SRS has a continuing assignment to maintain the currency of existing standards and guidelines.



## STANDARDS ACTIONS

### PUBLICATION NOTICE

The standards and guideline documents listed below are now available for purchase on the ASHRAE website at: <http://www.ashrae.org/published-standards>, or by contacting the Sales Department at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092. Email: [orders@ashrae.org](mailto:orders@ashrae.org). Fax: 404-321-5479. Telephone: 404.636.8400 (worldwide) or toll free at 1.800.527.4723 for orders in the U.S. and Canada. Addenda may be downloaded for free on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

The addenda listed below are now available for free download on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

- ♦ **ANSI/ASHRAE/IES Addendum *d* to ANSI/ASHRAE Standard 90.1-2022, *Energy Standard for Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE/IES Addendum *f* to ANSI/ASHRAE Standard 90.1-2022, *Energy Standard for Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 15.2-2022, *Safety Standard for Refrigeration Systems in Residential Applications***
- ♦ **ANSI/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addendum *aw* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addendum *ap* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addendum *bc* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addendum *bd* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***



## STANDARDS ACTIONS

### INTERPRETATIONS

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

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

- ♦ **ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality***, dated June 24, 2023. Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2022, Section 2.4, regarding the scope of the standard.
- ♦ **ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality***, dated June 24, 2023. Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2022, Section 6.2.1.1.7, regarding the definition of Design Zone Population (Pz).
- ♦ **ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality***, dated June 25, 2023. Refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2022, regarding ventilation requirements for sleeping pods.

### 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 \(CIS\)](#)