



# 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. All activity for reviewing and commenting on public review drafts can be accomplished completely online at <https://osr.ashrae.org>. To obtain a paper copy of any Public Review Draft contact ASHRAE, Inc. Attn: Standards Public Review, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305, or via email at: [standards.section@ashrae.org](mailto:standards.section@ashrae.org). Paper copies are \$35.00/ copy if 100 pages or less and \$45.00 if over 100 pages.

**30-day Public Review from  
March 8, 2019 – April 7, 2019**

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers**

This addendum to the standard is being proposed to better align with current vintages of UPS technology in terms of performance and industry evolution over the period since the original publication of 90.4-2016.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers**

This addendum revises MLC values to make them more in line with the intent of the standard.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 90.4-2016, Energy Standard for Data Centers**

This new compliance approach simplifies compliance for data centers and computer rooms such as small IDF closets in an office building that are served by a VAV box off of the house air handling system by providing an alternate compliance path.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum q to ANSI/ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum identifies a number of requirements from Section 8 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopting ordinances. A new Table 4.2 is added which lists these requirements in a format intended to simplify review by the jurisdiction.

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- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum r to ANSI/ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

In addition to addendum q this addendum identifies a number of requirements from Section 8 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopting ordinances. A new Table 4.2 is added which lists these requirements in a format intended to simplify review by the jurisdiction.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum s to ANSI/ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum modifies Section 6 of Standard 189.1 to identify requirements that are non-core. These requirements are listed in a new Table 4.2 to provide flexibility for local jurisdictions to adopt the code in a manner that is best suited to meet their unique environmental and regional goals and needs.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum t to ANSI/ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum identifies a requirement from Section 9 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopting ordinances. A new Table 4.2 is added which lists these requirements in a format intended to simplify review by the jurisdiction.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum u to ANSI/ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum proposes to delete 8.3.6.3 in its entirety because flashing and sealants are addressed by the IBC and other model building codes.



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- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum v to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum proposes to add the word “new” to clarify that Sections 8.4.2.5 and 8.5.2 apply to new office furniture products.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum w to ANSI/ ASHRAE/ICC/ USGBC/IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This revision adds a requirement that buildings under 50,000 sf of conditioned floor area verify air tightness through leakage testing. The referenced Standard 90.1 has multiple options for verifying air tightness. This requirement directs new buildings under 50,000 sf of conditioned floor area and under 75 feet in height to comply with the testing option, and allows all other buildings to comply using any verification option.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum x to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This new section adds requirements for traction elevators. It is limited to elevators with a rise over 75 ft, so that it does not include shorter elevators where energy savings may not be substantial enough to justify the requirements. The requirements are also based on elevator rise height rather than building height so that they do not apply to shorter elevators that may be present in taller buildings. The proposal increases efficiency by requiring more efficient drive motors and regenerative braking.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum y to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This proposal creates a new section that requires the U-factor of mechanical equipment to be incorporated into the total U-factor of the wall when that equipment comprises over 1% of the wall area. This ensures that the thermal impact of significant mechanical penetrations is not ignored.

## PUBLIC REVIEW—CALL FOR COMMENTS

### **45-day Public Review from March 8, 2019 – April 22, 2019**

- ♦ **5<sup>th</sup> ISC Public Review of ASHRAE Guideline 27P, Measurement Procedures for Gaseous Contaminants in Commercial Buildings**

Guideline 27P provides recommended procedures for effective measurement of airborne gas and vapor concentrations inside commercial buildings. Its goal is to provide consistent procedures to follow so field measurements of contaminant concentrations are accurate and reproducible, avoiding typical problems that may cause unreliable or inconsistent results, while recommending sample acquisition techniques, sampling locations in equipment and spaces, sampling requirements, and criteria for data analysis.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum o to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum identifies a number of requirements from Section 5 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopting ordinances. A new Table 4.2 is added which lists these requirements in a format intended to simplify review by the jurisdiction.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum p to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings**

This addendum identifies a number of requirements from Section 7 of Standard 189.1 as being appropriate for local jurisdictions to consider excluding from their adopting ordinances. A new Table 4.2 is added which lists these requirements in a format intended to simplify review by the jurisdiction.



# STANDARDS ACTIONS

## PUBLIC REVIEW—CALL FOR COMMENTS

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum z to ANSI/ ASHRAE/ICC/USGBC/ IES 189.1-2017, *Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum updates the source energy conversion factors in Table 7.5.3 and expands the list for eGRID subregions. These factors represent the energy required to extract, process, and deliver the fuel to the building per unit of energy in the fuel.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum aa to ANSI/ ASHRAE/ICC/ USGBC/IES 189.1-2017, *Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum updates the CO<sub>2</sub>e emission factors in Table 7.5.2, expanding the list to add values for eGRID subregions. The table is also moved to Section 7.5.3 in expectation of being combined with source energy factor updates being added separately by Addendum z.

## 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 30, *Method of Testing Liquid Chillers***, will hold a conference call on Tuesday, April 2, 2019 from 3:00 pm to 4:30 pm (Eastern). For additional information contact Justin Prosser, Chair of SSPC 30 ([jprosser@ahrinet.org](mailto:jprosser@ahrinet.org)).
- ♦ **SSPC 62.1, *Ventilation for Acceptable Indoor Air Quality***, full committee will hold webinars from 12:00 pm to 2:00 pm (Eastern) on the following dates:
  - ⇒ April 24, 2019
  - ⇒ May 1, 2019
  - ⇒ May 16, 2019
  - ⇒ May 31, 2019
  - ⇒ June 14, 2019

For additional information please contact Mark Weber at [mweber@ashrae.org](mailto:mweber@ashrae.org).

- ♦ **SSPC 72, *Method of Testing Open and Closed Commercial Refrigerators and Freezers***, will hold a conference call on Tuesday, March 26, 2019 from 10:00 am to 12:00 pm (Eastern). For additional information contact Jon Murray, Chair of SSPC 72 ([jmurray@structuralconcepts.com](mailto:jmurray@structuralconcepts.com)).

- ♦ **SPC 113-2013R, *Method of Testing Room Air Diffusion***, will hold conference call Monday, March 11, 2019 from 2:00 pm to 3:00 pm (Eastern). For additional information contact Ryan Johnson, Chair of SPC 113 ([ryanj@priceindustries.com](mailto:ryanj@priceindustries.com)).

## ANNOUNCEMENTS

- ♦ ASHRAE Journal seeks authors for application articles. We can provide advice on best writing practices for non-professional writers. Submit an abstract, outline or article idea to Sarah Foster at [sfoster@ashrae.org](mailto:sfoster@ashrae.org).
- ♦ ASHRAE Journal seeks subject matter experts to review technical features. If you are interested, please send your name, email address and area of interest to Tani Palefski at [tpalefski@ashrae.org](mailto:tpalefski@ashrae.org). Our immediate need is for experts in the area of stack pressure created airflows.



## STANDARDS ACTIONS

### JOIN A LISTSERVE

Click on the link below to learn more about ASHRAE Standards Activities!

- ⇒ [ASHRAE Standards Actions](#)
- ⇒ [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 Low-Rise 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](#)
- ⇒ [Code Interaction Subcommittee \(CIS\) Listserve](#)