



# STANDARDS ACTIONS

## PUBLIC REVIEW—CALL FOR COMMENTS

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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, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305, 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 April 3, 2020 to May 3, 2020**

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants.***

This proposed addendum adds the zeotropic refrigerant blend R-471A to Tables 4-2 and D-2.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum j to ANSI/ASHRAE Standard 34-2019, *Designation and Safety Classification of Refrigerants.***

This proposed addendum provides additional flexibility in designating refrigerants, to avoid potential confusion with other refrigerant designating bodies.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality***

The current definition of re-circulated air as well as Figure 3-1 (Ventilation System) are not clear on how to define air that is re-circulated inside a space without leaving it as air handled by units inside the space (e.g. chilled beams, fan coil units, ceiling fans). This proposed addendum clarifies this by removing the requirement that re-circulated air must leave the space and by updating Figure 3-1 to include air condition units that are inside the space.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality***

The definition for unusual source is unclear in distinguishing whether rarely refers to a source that is intermittent or transient within a space or if it is meant in the sense of

commonality as in an object that would not be commonly found within in a space regardless of the duration of its presence. This proposed addendum seeks to bring clarity to what the committee considers as an unusual source. The new definition makes clear that the unusual nature of a source has to do with its relationship to common items and activities within the space.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 188-2018, *Legionellosis: Risk Management for Building Water Systems.***

This proposed addendum addresses the definitions section of Standard 188-2018. The process of developing Guideline 12 by SSPC 188 for use with Standard 188 identified several definition changes or additions that were needed to keep the two documents consistent with one another.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 188-2018, *Legionellosis: Risk Management for Building Water Systems.***

This proposed addendum deals primarily with changes to Standard 188-2018 that were identified during the process by SSPC 188 of developing Guideline 12 to be used with Standard 188. The changes include clarifying language, and maintaining consistency between the two documents.

**45-day Public Review from April 3, 2020 to May 18, 2020**

- ♦ **4<sup>th</sup> Public Review of BSR/ASHRAE Addendum aa to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality***

For design, the indoor air quality procedure (IAQP) requires (simplified version): 1. Identification if contaminants of concern, 2. Determining indoor and outdoor sources, 3. Identifying a concentration limit and exposure period, 4. Specifying percentage of building occupants to be satisfied with perceived IAQ, 5. Performing a mass balance analysis for selected compounds. Weaknesses exist in items 1, 3, and 4. This proposed addendum adds a minimum requirement of percentage of people satisfied and requirements for designing to specific limits for design compounds and particulate matter, design compounds are specifically identified, mixtures are specifically identified, and objective and subjective testing are added.



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- ♦ **3<sup>rd</sup> Public Review of BSR/ASHRAE Addendum *ab* to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality***

The 2016 version of the Standard Informative Appendix D (Rationale for Minimum Physiological Requirements for Respiration Air Based on CO<sub>2</sub> Concentration) described CO<sub>2</sub> generation rates based on physical activity. This appendix was deleted as it contained outdated information. This proposed addendum adds a normative appendix which describes how to apply the steady-state equation to estimate indoor CO<sub>2</sub> concentrations from per person values of CO<sub>2</sub> generation rates and outdoor air ventilation rates, and to use those to estimate zone population for DCV. It also describes the estimation of dynamic changes in indoor carbon dioxide concentrations for various changes in room conditions and multiple-zone systems, and their application to DCV.

## PUBLICATION NOTICE

The addenda listed below are now available for free download on the ASHRAE website at:

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

- ♦ **ANSI/ASHRAE/ASHE Addenda *h, g, p, and q* to ANSI/ASHRAE/ASHE Standard 170-2017, *Ventilation of Health Care Facilities***
- ♦ **ANSI/ASHRAE/ICC/USGBC/IES Addenda *g, p, and q* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

## ERRATA

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

## 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 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*** will hold a webinar from 11:00 am to 12:30 pm (Eastern) on April 16, 2020. For additional information contact Mark Weber ([mweber@ashrae.org](mailto:mweber@ashrae.org)).
- ♦ **SPC 113-2013R, *Method of Testing Room Air Diffusion***, will hold conference calls from 2:00 pm to 3:00 pm (Eastern) on the following dates:
  - ⇒ April 28, 2020
  - ⇒ May 26, 2020
 For additional information contact Ryan Johnson, Chair of SPC 113 ([ryanj@priceindustries.com](mailto:ryanj@priceindustries.com)).
- ♦ **SPC 155P, *Method of Testing for Rating Commercial Space Heating Boiler Systems***, will hold a conference call on Wednesday, April 15, 2020 from 2:00 pm to 4:00 pm (Eastern). For additional information contact Tom Butcher, Chair of SPC 155 ([butcher@bnl.gov](mailto:butcher@bnl.gov)).

- ♦ **ANSI/ASHRAE/IES Standard 90.1-2019 (I-P Editions), *Energy Standard for Buildings Except Low-Rise Residential Buildings***, dated April 2, 2020. These replace the versions dated March 18, 2020.



## STANDARDS ACTIONS

### JOIN A LISTSERVE

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

- ⇒ [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](#)