



# 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  
February 24, 2023, to March 26, 2023**

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

Standard 62.2 has recently revised the minimum filtration requirement. This proposed addendum simplifies the filtration credit available in Section 4.1.4, Ventilation-Rate Reduction for Particle Filtration. Currently this section allows a wide range of filter efficiencies to qualify. This addendum proposes to narrow that range and significantly simplify the section. Other than eliminating the credit for low-performing filters, this revision does not substantially change the effect of this section. New Section 7.6, Filtered Air Delivery Rate, establishes the minimum qualifying filter that is allowed to get credit for PM reductions. (A qualifying filter is roughly MERV 13 or better depending on which test method is used.) The section then calculates the Particle Reduction Factor (PRF) resulting from the design of the system. The equation for PRF is based on the continuity equation (i.e., mass balance) with and without additional air cleaning; it assumes typical values for 62.2-compliant air change rates and particle deposition rates. New references are cited in this revision and those are listed to be added to Section 10.

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

This addendum proposes a new requirement for the highest CO<sub>2</sub>e index to be allowed for dwelling units, in addition to

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the existing ERI requirements. Both the ERI and CO<sub>2</sub>e index would be determined through an energy simulation in accordance with the latest ANSI/RESNET/ICC Standard 301.

**45-day Public Review from  
February 24, 2023, to April 10, 2023**

- ♦ **1<sup>st</sup> Public Review of ASHRAE Guideline 38-2018R, *Guideline for Using Metal Pressure Vessels to Test Materials Used in Refrigeration Systems***

This Guideline is intended to establish a test procedure utilizing metal pressure vessels for the evaluation of materials used in refrigeration systems. The use of metal vessels will allow for the testing of a variety of materials, regulating the pressure of the test, utilization of a realistic sample size to oil/refrigerant ratio and other analytical tests, such as extraction.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Standard 111-2008R, *Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation and Air-Conditioning Systems***

This standard provides uniform procedures for measurement, testing, adjusting, balancing, evaluating, and reporting the performance of building heating, ventilating and air-conditioning systems in the field.

## NEW PROJECT—CALL FOR COMMENTS

Constructive comments are invited on the Title, Purpose, and Scope (TPS) for the following newly approved project. TPSs for public comment can be accessed by going to ASHRAE's website at: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>.

To obtain a paper copy of any TPS draft, contact ASHRAE Inc, Attn: Standards Section, 180 Technology Parkway, Peachtree Corners, GA 30092, or email at: [standards.section@ashrae.org](mailto:standards.section@ashrae.org). Note: paper copies are available for \$35.00 per copy if 100 pages or less and \$45.00 if over 100 pages.

**30-day Public Review from  
February 24, 2023, to March 26, 2023**

- ♦ **ASHRAE Standard 241P, *Control of Infectious Aerosols***



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NEW PROJECT—CALL FOR COMMENTS	CALL FOR MEMBERS
<p><b>1. PURPOSE:</b> The purpose of this standard is to establish minimum requirements for control of infectious aerosols to reduce risk of disease transmission.</p> <p><b>2. SCOPE:</b></p> <p><b>2.1</b> This standard defines requirements for ventilation, filtration, and air-cleaning system design, installation, commissioning, operation and maintenance to reduce exposure to infectious aerosols.</p> <p><b>2.2</b> This standard applies to occupiable space in new buildings, existing buildings, and additions to existing buildings.</p> <p><b>2.3</b> This standard does not address infection transmission by modes other than exposure to infectious aerosols.</p>	<p>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.</p> <p>♦ <b>Standards Reaffirmation Subcommittee (SRS)</b> 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 PC, SRS has a continuing assignment to maintain the currency of existing standards and guidelines.</p>
NEW REVISION PROJECT APPROVED	ERRATA
<p>Standards Committee approved the following new revision project. The TPS for this project is not available for public review comment at this time. If you would like to comment, please email Connor Barbaree at: <a href="mailto:Standards.Section@ashrae.org">Standards.Section@ashrae.org</a>.</p> <p>♦ <b>ASHRAE Guideline 27-2019R, <i>Measurement Procedures for Gaseous Contaminants in Commercial Buildings</i></b></p>	<p>A new errata sheet for the following standard is now available on the ASHRAE website at <a href="http://www.ashrae.org/standards-errata">http://www.ashrae.org/standards-errata</a>.</p> <p>♦ <b>ANSI/ASHRAE/IES STANDARD 90.1-2022, <i>Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings</i></b>, I-P and SI editions, dated February 20, 2022. These replace the versions dated February 17, 2020.</p> <p>♦ <b>ANSI/ASHRAE STANDARD 160-2021, <i>Criteria for Moisture-Control Design Analysis in Buildings</i></b>, dated February 17, 2023.</p>
CALL FOR MEMBERS	
<p>A <i>Call for Members</i> is announced for the following committees. 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 <a href="https://www.ashrae.org/pcmemberapp">https://www.ashrae.org/pcmemberapp</a>.</p> <p>♦ <b>ASHRAE Guideline 27-2019R, <i>Measurement Procedures for Gaseous Contaminants in Commercial Buildings</i></b></p> <p><b>PURPOSE:</b> This guideline provides recommended procedures for effective measurement of airborne gas and vapor</p>	



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## INTERIM MEETINGS

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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 15, Safety Standard for Refrigeration Systems**, will hold virtual meetings on the following dates:
  - ⇒ Friday, March 24<sup>th</sup>, 2023, from 11:00 am to 12:30 PM (Eastern)
  - ⇒ Friday, April 21<sup>st</sup>, 2023, from 11:00 am to 12:30 PM (Eastern)
  - ⇒ Friday, May 19<sup>th</sup>, 2023, from 11:00 am to 12:30 PM (Eastern)

The Standard 15.2 Subcommittee, *Safety Standard for Refrigeration Systems in Residential Applications*, will hold monthly virtual meetings on the first Friday of every month from 1:00 PM to 3:00 PM Eastern, beginning Friday, March 3<sup>rd</sup>, 2023.

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

- ♦ **SSPC 30, Method of Testing Liquid Chillers**, will hold a web meeting on March 20, 2023 from 10:00 am to 12:00 pm (Eastern). For additional information contact Nicholas Zupp, Chair of SSPC 30 ([nicholaszupp@yahoo.com](mailto:nicholaszupp@yahoo.com)).

- ♦ **SSPC 145 Subcommittee 145.4P, Method of Test for Assessing the Gas-Phase Performance of Air Cleaning Devices and Systems in a Duct-Chamber Apparatus**, will hold a web meeting from 12:30 pm to 2:30 pm (Eastern) on April 4, 2023. For more information contact Caitlin Naske, Chair of the 145.4 Subcommittee ([CNaske@dynamicags.com](mailto:CNaske@dynamicags.com)).

- ♦ **SPC 180-2018R, Standard Practice for Inspection and Maintenance of Commercial-Building HVAC Systems**, will hold web meetings from 1:30 pm to 3:00 pm (Eastern) on the following dates:
  - ⇒ March 9, 2023 - March 23, 2023
  - ⇒ April 6, 2023 - April 20, 2023
  - ⇒ May 4, 2023 - May 18, 2023
  - ⇒ June 1, 2023 - June 15, 2023

For additional information contact Richard Danks, Chair of SPC 180 ([facilitiespro@hotmail.com](mailto:facilitiespro@hotmail.com)).

- ♦ **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:

- ⇒ 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](mailto:kathleenowen@att.net)).

- ♦ **SPC 196P, Method of Test for Measuring Refrigerant Leak Rates**, will hold web meetings on the following dates and times:

- ⇒ March 21, 2023 from 9:00 am to 11:00 am (Eastern)
- ⇒ April 12, 2023 from 1:00 pm to 3:00 pm (Eastern)

For additional information contact Phillip Johnson, Chair of SPC 196 ([Phillip.Johnson@daikinapplied.com](mailto:Phillip.Johnson@daikinapplied.com)).

- ♦ **SPC 222-2018R, Standard Method of Test for Electrical Power Drive Systems**, will hold a web meeting on March 29, 2023 from 10:00 am to 11:00 am (Eastern). For additional information contact Bob Coleman, Chair of SPC 222 ([bobcolem@gmail.com](mailto:bobcolem@gmail.com)).

- ♦ **SPC 224P, Standard for the Application of Building Information Modeling**, will hold a web meeting on March 8, 2023 from 2:00 pm to 3:00 pm (Eastern). For additional information contact Stephen Roth, Chair of SPC 224 ([stephenroth@gmail.com](mailto:stephenroth@gmail.com)).

- ♦ **SPC 232P, Schema-Based Building Data Model Protocols**, will hold a web meeting on March 14, 2023 from 3:00 pm to 4:30 pm (Eastern). For additional information contact Tim McDowell, Chair of SPC 232 ([mcdowell@tess-inc.com](mailto:mcdowell@tess-inc.com)).



## STANDARDS ACTIONS

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