



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited for the following Public Review Drafts 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 July 15, 2022, to August 14, 2022

- ♦ **1st Public Review of BSR/ASHRAE Addendum k to ANSI/ASHRAE Standard 62.2-2019, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***

This proposed addendum revises the purpose and scope of the standard. Revision of the purpose clarifies that the standard may address any measure that affects acceptable indoor air quality in individual dwelling units. Confining the purpose to individual dwelling units provides better alignment with the existing scope. The scope has been modified to remove the reference to “residential occupancies,” which was believed to be redundant to the reference to dwelling units. Additionally, the scope has been revised to permit the standard to address filtration of outdoor air.

- ♦ **1st Public Review of BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 90.4-2019, *Energy Standard for Data Centers***

Addendum h makes changes to the UPS requirements due to recent changes in UPS efficiency. Likewise, due to changes in transformer efficiency, Addendum h also adjusts the minimum efficiency (maximum loss) requirements for the ITE Distribution Segment of the ELC to correspond to the loading levels more common to data centers (80% for non-redundant, and 40%-45% for redundant systems). The result is increased ITE Distribution Segment efficiency requirements at load levels above and below the federally prescribed 35% level as well as adherence to the maximum loss values prescribed in Electrical Codes for Feeders and Branch Circuit Conductors. To parallel the

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MLC, the ELC has now been adjusted to require compliance at all four load levels. The ELC Maximum Loss (Minimum Efficiency) tables have been revised to reflect these changes. Lastly, Addendum h requires adherence to federal transformer regulations and Electrical Code dictums and restricts the ELC calculation to the UPS and Distribution segments.

45-day Public Review from July 15, 2022, to August 29, 2022

- ♦ **1st Public Review of ASHRAE Guideline 10-2016R, *Interactions Affecting the Achievement of Acceptable Indoor Environments***

This revision of Guideline 10-2016 provides guidance regarding factors and their interactions as they affect the indoor environmental conditions acceptable to human occupants with regard to comfort and health.

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

Proposes independent substantive changes that arose from comment resolution efforts following the first public review. Additions include definitions for “energy performance” and “greenhouse gas emission performance” terminology used in the new TPS. A previous exception that excluded operations and maintenance provisions was also eliminated. The original intent of Addendum c, which is still applicable to this ISC, was to advance 90.2 as a leadership standard that can address a wider range of criteria and residential building types.

- ♦ **1st Public Review of BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 90.4-2019, *Energy Standard for Data Centers***

Addendum g modifies and clarifies the mechanical load component (MLC) calculations. The baseline process cooling MLC values provided in Table 6.5 were based on simulation data for a mechanical system designed to condition only the ITE equipment. The energy simulations did not include cooling for UPS and other electrical losses, therefore, the MLC mechanical compliance target values in Table 6.5 were made less stringent. Also, the addition of a



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single piece of cooling equipment will no longer trigger the need to re-calculate ELC and MLC for the entire data center including the new cooling equipment. Lastly, definitions were added in Section 3, language to support the regulation of process heat and process ventilation in Section 6, and changes were made in anticipation of water cooled ITE.

TPS CHANGES APPROVED

Title, Purpose and Scope (TPS) changes for the projects listed below were approved by StdC and Technology Council. These TPSs can be viewed on the ASHRAE website at www.ashrae.org/tps. SPC and GPC TPS changes are not available for public review comment at this time; however, If you would like to submit a comment, please email Connor Barbaree at Standards.Section@ashrae.org. SSPC TPS changes will be available for comments through related addenda posted for public review.

- ♦ **ASHRAE Guideline 20-2010R, *Documenting Work Processes and Data Exchange Requirements for the Built Environment***
- ♦ **ANSI/ASHRAE Standard 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***
- ♦ **ANSI/ASHRAE/IES Standard 90.2, *High-Performance Energy Design of Residential Buildings***
- ♦ **ANSI/ASHRAE/IES Standard 100, *Energy & Emissions Building Performance Standard***
- ♦ **Standard 191P, *Standard for Water Balances and Efficiency in Mechanical and Process Systems***
- ♦ **Standard 229P, *Standard for Water Balances and Efficiency in Mechanical and Process Systems***

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 220P, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers***, will hold a web meeting on July 27, 2022 from 1:00 pm to 3:00 pm (Eastern). For additional information contact Oliver Ta, Chair of SPC 220 (oliver.ta@sce.com).

JOIN A LISTSERVE

Click on the following link to learn more about ASHRAE Standards Activities <https://www.ashrae.org/listserves>.

- ⇒ [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](#)
- ⇒ [Code Interaction Subcommittee \(CIS\)](#)