ASHRAE Shaping Tomorrow's Built Environment Today

Volume XIII, Issue 11

March 17, 2023

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. **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 March 17, 2023 to April 18, 2023

- **1st Public Review of BSR/ASHRAE Addendum *k* to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality***

This proposed addendum clarifies the language of Section 5.12. The revised language utilizes ASHRAE terminology to make the requirements succinct and breaks the requirements into clearly defined components for the limit and the controls. Because this section now requires humidity control in each zone, the analysis requirements became superfluous and have been removed. The newly added controls section stipulates that the HVAC system must be able to limit the humidity, but does not stipulate specific means, equipment, or sensors to do so. An exception has been added to exclude buildings in zones where the local climate does not regularly exceed dew point temperatures above 68°F (20°C), and thus are unlikely to cause mold growth within building materials as a result of condensation due to cycling or intermittent cooling system operation. The 68°F (20°C) criteria excludes much of the ASHRAE "B" (dry) climate zone and all of the "C" (marine) climate zone from the humidity limit requirement. See the charts below. Because mold growth occurs when the average surface relative humidity is high for a period of time, the humidity limit exception that includes time components has been revised. .

PUBLIC REVIEW—CALL FOR COMMENTS

- **2nd Public Review BSR/ASHRAE Addendum *L* to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality***

This proposed addendum seeks to address emerging UV technologies that are capable of emitting specific wavelengths of light near to the current 185 nm restriction that also produce ozone. The specific requirement is based on the ASHRAE Position Document on Filtration and Air Cleaning, which indicates that lamps that produce ozone are broadly categorized as those that emit wavelengths less than 200 nm. Definitions of listed and labeled have also been provided to clarify that any national testing laboratory that lists and labels products may certify the performance to a listed standard, this includes not just UL-2998, but all other standards listed within the document.

45-day Public Review from March 17, 2023 to May 1, 2023

- **1st Public Review of BSR/Standard 185.3P Method of Testing In-Room Devices and Systems for Microorganism Removal or Inactivation in a Chamber**

The purpose of Standard 185.3-202x is to establish a method of test for evaluating in-room air cleaners (IRACs) and systems for commercial or industrial consumers for microorganism removal or inactivation in a test chamber.

PUBLICATION NOTICE

The standards and guideline addenda listed below may be downloaded for free on the ASHRAE website at: http://www.ashrae.org/standards-addenda.

- **ANSI/ASHRAE/ICC/USGBC/IES Addenda *v, w* and *x* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

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CALL FOR MEMBERS

A *Call for Members* is announced for the following PC. Persons who are interested in serving on this ASHRAE committee are asked to indicate their interest by completing the online membership application forms listed under Instructions for New Applicants at https://www.ashrae.org/pcmemberapp 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.

- **SSPC 228, *Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance***

Purpose: This standard sets requirements for evaluating whether a building or group of buildings meets a definition of "zero net energy" and/or whether those buildings meet a definition of "zero net carbon". It provides a consistent method of expressing qualifications for zero net energy and zero net carbon buildings associated with the design of new buildings and the operation of existing buildings.

Scope:
2.1 This standard covers:
1. existing buildings, new buildings, groups of buildings, or portions of buildings;
2. determination, including calculation methodology, and expression of the building(s) zero net energy status;
3. determination, including calculation methodology, and expression of the building(s) zero net carbon status;
4. energy and carbon emissions associated with flows across the site boundary and off-site credited flows
2.2 The provisions of this standard do not apply to:
1. establishment of building gross energy performance goals or limits
2. design guidance or design requirements
3. embodied energy or carbon of building materials and 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.

- **Standard 41.1-2020R, *Standard Methods for Temperature Measurement.*** Standard 41.1 Subcommittee of SSPC 41 will hold a web meeting on April 3, 2023 from 10:00 am to 11:00 am (Eastern). For additional information contact Erik Anderson (eanderson@aenpi.com), Chair of the 41.1 Subcommittee.

- **SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings,*** will hold a web meeting on April 3, 2023 from 12:00 pm to 2:30 pm (Eastern). For additional information contact Mark Weber (mweber@ashrae.org).

- **SPC 133-2015R, *Method of Testing Direct Evaporative Air Coolers,*** will hold a web meeting on April 7, 2023 from 10:00 am to 12:00 pm (Eastern). For additional information contact Patricia Graef, Chair of SPC 133 and SPC 143 (pat.graef@att.net).

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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)