Shaping Tomorrow's Built Environment Today

Volume XI, Issue 14

April 2, 2021

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://osr.ashrae.org. 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. Paper copies are $35.00/copy if 100 pages or less and $45.00 if over 100 pages.

NOTE: Commenters will receive automated e-mails to acknowledge their comments and notification of project committee responses to those comments. To ensure you receive these notifications please add OSRacknowledgement@ashrae.org to your trusted sources.

30-day Public Review from April 2, 2021, to May 2, 2021

- **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *e* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum clarifies the permitted methods of supply air reheat in Section 8.3.1.6.1, specifically that all types of on-site sources (renewable energy systems and recovered waste energy) can be used.

- **3rd Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *w* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum proposes modifications to Sections 7 and 10 that would expand airtightness testing requirements compared to similar requirements already present in Standard 90.1 and energy codes. The changes are intended to reduce energy consumption and improve indoor air quality by limiting uncontrolled airflow through the building envelope.

PUBLIC REVIEW—CALL FOR COMMENTS

45-day Public Review from April 2, 2021, to May 17, 2021

- **1st Public Review of Addendum q to ASHRAE Guideline 36-2018, *High-Performance Sequences of Operation for HVAC Systems***

This addendum includes control sequences for 2-pipe heating, 2-pipe cooling, and 4-pipe heating/cooling fan-coil units (FCUs). It assumes the fan is variable speed, but the sequences will still work with constant speed fans. The distinction between FCUs and air handling units (AHUs) is that FCUs do not have any ventilation capability – they either serve spaces that do not require ventilation (e.g., equipment rooms), or ventilation is provided by an independent system, e.g., dedicated outdoor air system, in parallel or in series.

- **2nd ISC Public Review of Addendum x to ASHRAE Guideline 36-2018, *High-Performance Sequences of Operation for HVAC Systems***

This is the second public review of Addendum x addressing control sequences for Chilled Water Plants and includes only substantive changes to the first public review draft. Rationale for each change is shown directly before the change.

- **2nd ISC Public Review of Addendum y to ASHRAE Guideline 36-2018, *High-Performance Sequences of Operation for HVAC Systems***

This is the second public review of addendum y addressing control sequences for Hot Water Plants and includes only substantive changes to the first public review draft. Rationale for each change is shown directly before the change.

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- **1st Public Review of BSR/ASHRAE/IES Addendum *t* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum proposes a variety of updates to the Section 5 requirements for air leakage through the building envelope. Updates include both minor adjustments for clarity and more extensive changes that better align this portion of Standard 90.1 with the newly published ASTM E3158. For example, air leakage would become a defined term that includes both infiltration and exfiltration. Section 5 - and ancillary text throughout the standard - has been expanded and restructured to provide a clear breakdown of requirements for whole building pressurization vs. continuous air barrier verification vs. exceptions for smaller, single-zone buildings.

- **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *d* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum revises the definition of 'building project' for clarity and removes the definition for 'site.' Removing the definition of site eliminates an unnecessary level of specificity that could otherwise limit the use of the standard in certain projects and jurisdictions.

- **1st Public Review of BSR/ASHRAE Standard 228P, *Standard Method for Evaluating Zero Net Energy and Zero Net Carbon Building Performance***

ASHRAE Standard 228-202x sets requirements for evaluating whether a building or group of buildings meets a definition of "zero net energy" 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 .

ERRATA

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

- **ANSI/ASHRAE/ASHE Standard 170-2021, Ventilation *of Health Care Facilities***, dated March 26, 2021.

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 135, *BACnet - A Data Communication Protocol for Building Automation and Control Networks,*** will hold a webinar on April 23, 2021 from 11:00 am to 3:00 pm (Eastern). This meeting is a continuation of the March 26, 2021 meeting. For additional information contact Michael Osborne, Chair of SSPC 135 (mosborne@reliablecontrols.com).

- **SPC 155P, *Method of Testing for Rating Commercial Space Heating Boiler Systems,*** will hold conference calls from 2:00 pm to 4:00 pm (Eastern) on the following dates:
  - ⇨ April 9, 2021
  - ⇨ April 23, 2021

  For additional information contact Thomas Butcher, Chair of SPC 155 (butcher@bnl.gov).

- **SPC 213P, *Method for Calculating Moist Air Thermodynamic Properties,*** will hold a web meeting on April29, 2021 from 9:30 am to 11:30am (Eastern). For additional information, please contact Vikrant Aute, Chair of SPC 213 (vikrant@umd.edu).

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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 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