Shaping Tomorrow's Built Environment Today

Volume XIII, Issue 12

March 24, 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 web-site at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts. All activity for review-ing 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 Cor-ners, 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 24, 2023, to April 23, 2023

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

The proposed change clarifies that the requirements of Section 9 apply to building projects. This change clarifies that the requirements of Section 9 apply to, and were developed to address, materials and resources within a building project rather than a broader interpretation of structure or infrastructure.

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

Standard 189.1 has a Jurisdictional Option [JO] in Section 7.4.6.3.1 for occupancy control of commercial and industrial storage lighting that is less stringent than the requirements in ASHRAE 90.1-2022. As a result, this proposal recommends striking Section 7.4.6.3.1. In general, jurisdictional options are more stringent than the base case code but in this case, this would weaken the standard to be less stringent than the base 90.1 efficiency standard. Stringency is increased by deleting this requirement and reverting to the controls requirement in the base standard ASHRAE 90.1.

- **Addendum f to ASHRAE Guideline 41-2020, *Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems* (First Public Review Draft)**

This addendum revises the Normative A references. Due to changes in the industry, Normative Appendices B and C have been deleted.

- **Addendum g to ASHRAE Guideline 41-2020, *Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems* (First Public Review Draft)**

This addendum harmonizes the definition of an inherently leak tight system and related commentary with ASHRAE Standard-15-2022.

- **BSR/ASHRAE Addendum e to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings* (First Public Review Draft)**

This proposed addendum would remove the option of providing an openable window in place of mechanical exhaust within toilet rooms, for new construction. The committee's concerns for addressing both odor and bioaerosols associated with human waste resulted in this addendum, which will align Standard 62.2 with the International Residential Code's requirement for mechanical ventilation of toilet rooms.

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45-day Public Review from March 24, 2023, to May 8, 2023

- **Addendum e to ASHRAE Guideline 41-2020, *Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems* (First Public Review Draft)**

This addendum adds additional commentary to the proper methodology for complying with outdoor ventilation requirements when using VRF systems.

- **1st Public Review of BSR/ASHRAE/ACCA Standard 211-2018RA, *Standard for Commercial Building Energy Audits***

Description: The purpose of this standard is to establish consistent practices for conducting and reporting energy audits for commercial buildings.

This standard:

a. defines the procedures required to perform Energy Audits Levels 1, 2 and 3,

b. provides a common scope of work for these audit levels for use by building owners and others,

c. establishes consistent methodology and minimum required level of analytical rigor, and

d. establishes minimum reporting requirements for the results from energy audits.

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CALL FOR MEMBERS

A *Call for Members* is announced for the following PCs. 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 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.

- **GPC 27-2019R, *Measurement Procedures for Gaseous Contaminants in Commercial Buildings***

Purpose: This guideline provides recommended procedures for effective measurement of airborne gas and vapor 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.

Scope: This document provides guidance on the procedures to follow when measuring gas-phase concentrations of contaminants in commercial buildings. The subject measurements are those used to establish existing, baseline or changed conditions as a function of the building systems or interior environments. The methods in this guideline emphasize obtaining meaningful data within a reasonable time period at a reasonable cost. This guideline does not apply to industrial or residential buildings. It does not address:
(a) specific measurement equipment or devices, or
(b) calibration of instruments.

- **SPC 182-2020, *Method of Testing Absorption Water-Chilling and Water-Heating Packages***

Purpose: The purpose of this standard is to prescribe a method of testing absorption water-chilling and water-heating absorption packages to verify capacity and thermal energy input requirements at a specific set of operating conditions.

Scope: This standard applies to:

(a) absorption packages used to chill and/or heat water, as defined below in Section 3, "Definitions."

(b) testing that will occur where proper instrumentation and load stability can be provided. It is not the intent of this standard to provide for testing in typical field installations, where steady-state conditions are often difficult to achieve and adequate provisions for measurement are not made.

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STANDARDS ACTIONS

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 30, *Method of Testing Liquid Chillers*,** will hold a web meeting on April 5, 2023 from 10:00 am to 11:00 am (Eastern).

For additional information contact Nicholas Zupp, Chair of SSPC 30 (nicholaszupp@yahoo.com).

- **SSPC 41, *Standard Methods of Measurement***
  - ⇨ **Standard 41.10-2020R, *Standard Methods for Refrigerant Mass Flow Measurement Using Flowmeters***

    Standard 41.10 Subcommittee of SSPC 41 will hold a web meeting on April 12, 2023 from 10:00 am to 11:00 am (Eastern).

For additional information contact Pat Collins (pec2315us@gmail.com, Chair of the 41.10 Subcommittee.

- **SSPC 62.1, *Ventilation and Acceptable Indoor Air Quality,***
  - ⇨ SSPC 62.1 Administration Subcommittee will hold a web meeting on March 29, 2023 from 3:30 pm to 5:00 pm (Eastern).
  - ⇨ SSPC 62.1 IAQ Guideline (GDL 42P) Subcommittee will hold a web meeting on April 26, 2023 from 9:00 am to 11:00 (Eastern).

For additional information please contact Mark Weber (mweber@ashrae.org).

- **SSPC 160, *Criteria for Moisture-Control Design Analysis in Buildings*,** will hold conference on April 21, 2023 from 11:00 am to 1:00 pm (Eastern).

For additional information contact Samuel Glass, Chair of SSPC 160 (samuel.v.glass@usda.gov).

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)