ASHRAE Shaping Tomorrow's Built Environment Today

Volume XIII, Issue 32

August 11, 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

August 11, 2023, to September 10, 2023

- **1st Publication Public Review of BSR/ASHRAE Addendum *f* to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems***

This proposed addendum clarifies the precedence of specific requirements over general requirements within ANSI/ ASHRAE Standard 15. Language added to Section 11 is consistent in approach with language that is currently present in the model codes (e.g., International Mechanical Code).

- **1st Publication Public Review of BSR/ASHRAE Addendum *g* to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems***

This proposed addendum clarifies refrigerant detection system requirements upon failure of a self-diagnosis check.

- **BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality* (First Public Review Draft)**

This proposed addendum adds corridors (ages 5 plus) to Table 6-1 Minimum Ventilation Rates in Breathing Zone. "Corridors" is not currently an occupancy category under Educational Facilities. These corridors differ from those in general and residential buildings (the only other two corridors listed in Table 6-1). Generally, corridors have relatively low occupancy and are not used for long-term storage. On the other hand, corridors in educational facilities (ages 5-8, ages 9 plus) have periodically high occupant density. In educational facilities (ages 9 plus), there are also lockers per-manently in corridors, which likely contain contaminant sources.

- **BSR/ASHRAE Addendum *b* to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality* (First Public Review Draft)**

In Table 6-1, a General Break room is listed as having an area outdoor air rate of 0.06 cfm/ft^2 (0.3 L/s·m^2) and an occu-pant density of 25 #/1000 ft^2 (#100 m^2). An Office Building Breakroom has an area outdoor air rate of 0.12 cfm/ft^2 (0.6 L/s·m^2) and an occupant density of 50 #/1000 ft^2 (#100 m^2). The rate rationales for both types of break rooms are identi-cal in Informative Appendix J, and the area outdoor rate is listed as 0.06 cfm/ft^2 (0.3 L/s·m^2) for both break rooms in that appendix. This proposed addendum corrects the discrepancy by deleting the Office Building break room from Table 6-1 Minimum Ventilation Rates in Breathing Zone. It also revises Tables G-1, J-1, and M-1 for consistency.

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30-day Public Review from

August 11, 2023, to September 10, 2023

- **BSR/ASHRAE Addendum ag to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality* (Fifth Independent Substantive Change Public Review Draft)**

This proposed addendum replaces the calculation method in current Normative Appendix B2 (Separation of Exhaust Outlets and Outdoor Air Intakes) with a new method based upon ASHRAE Research Project 1635(2016). This research was sponsored by ASHRAE Technical Committee (TC) 4.3. The purpose of this Research Project is to provide a simple, yet accurate procedure for calculating the minimum distance required between the outlet of an exhaust system and the outdoor air intake to a ventilation system to avoid re-entrainment of exhaust gases. The new procedure addresses the technical deficiencies in the simplified equations and tables that are currently in Standard 62.1-2022 Ventilation and Acceptable Indoor Air Quality and model building codes.

45-day Public Review from

August 11, 2023, to September 25, 2023

BSR/ASHRAE Addendum c to ANSI/ASHRAE Standard 62.1-2022, *Ventilation and Acceptable Indoor Air Quality* (First Public Review Draft)

This proposed addendum provides a calculator for mass balance equations used with the revised indoor air quality procedure; it also updates the reference for mass balance calculations in the CONTAM User Guide.

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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

GPC 37, *Guidelines for the Application of Upper-Air (Upper Room) Ultraviolet Germicidal (UV-C) Devices to Control the Transmission of Airborne Pathogens,* will hold conference calls from 1:00 pm to 3:00 pm (Eastern) on the following dates:

- ⇨ September 1, 2023
- ⇨ September 22, 2023
- ⇨ October 13, 2023
- ⇨ November 3, 2023
- ⇨ November 24, 2023
- ⇨ December 6, 2023
- ⇨ December 27, 2023
- ⇨ January 5, 2024
- ⇨ January 26, 2024
- ⇨ February 16, 2024
- ⇨ March 8, 2024
- ⇨ March 29, 2024
- ⇨ April 19, 2024
- ⇨ May 10, 2024
- ⇨ May 31, 2024
- ⇨ June 21, 2024

For additional information contact Richard Vincent, Chair of GPC 37 (vincentrl777@gmail.com).

SPC 37-2009R, *Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment,* will hold web meetings from 10:00 am to 12:00 pm (Eastern) on the following dates:

- ⇨ September 7, 2023
- ⇨ September 21, 2023

For additional information contact Christopher Stone, Chair of SPC 37 (cstone@ahrinet.org).

SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems,* will hold a virtual meeting on October 10, 2023 from 10:00 am to 12:00 pm (Eastern).

For additional information contact Ivan Rydkin, Chair of SSPC 147 (ivan.rydkin@gmail.com).

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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)