ASHRAE Shaping Tomorrow's Built Environment Today

Volume XIV, Issue 77

July 5, 2024

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
July 5, 2024 to August 4, 2024

- **1st Public Review of BSR/ASHRAE/ICC/USGBC/IES Addendum *f* to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum seeks to accelerate the retirement of legacy uses of mercury containing light sources. Lighting power density in ASHRAE Standard 90.1 and 189.1 are based on LED light sources as they cost-effectively reduce amount of power required to provide the same amount of light delivered to the task. There are a few exceptions proposed: discharge light sources using mercury gas are still the most energy efficient way of providing ultraviolet lighting used for disinfection, medical treatment, industrial processes, and navigational lighting. Table 9.9 Maximum Mercury Content for Electric Lamps is removed to reflect the proposed requirement. Supplemental links for further justification is provided for the reviewer's convenience.

PUBLIC REVIEW—CALL FOR COMMENTS

45-day Public Review from
July 5, 2024 to August 19, 2024

- **Advisory Public Review of Addendum *ai* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This Informative Appendix provides a prescriptive compliance pathway that may be adopted by a jurisdiction or the rating authority to achieve net zero operational energy emission (NZOEE) buildings prescriptively, as well as incorporation of the NZOEE performance path of Informative Appendix M. The prescriptive option is limited to buildings with common loads and standard simple HVAC systems for which some general precision in energy performance is possible.

- **Advisory Public Review of Addendum *ba* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This proposed addendum has been developed to update Table 6.8.1-15 with new minimum efficiency requirements for Water Source Heat Pumps (WSHPs) and a new metric for evaluating water-to-air products in accordance with AHRI 600.

INTERPRETATIONS

New official interpretations to the following standards are now available on the ASHRAE website at:

http://www.ashrae.org/standards-interpretations

- **ANSI/ASHRAE STANDARD 15-2022(IC 15-2022-8 *Safety Standard for Refrigeration System*,** dated June 28, 2024. Refers to the following requirements presented in ANSI/ASHRAE Standard 15-2022: Section 3.1 Defined Terms, regarding the terms "pressure vessel" and "piping", Section 9.3 Refrigerant-Containing Pressure Vessels, Section 9.4 Pressure Relief Protection, and Section 9.7 Pressure Vessel Protection.

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PUBLICATION NOTICE

The standards and guideline documents listed below are now available for purchase on the ASHRAE website at: http://www.ashrae.org/published-standards, or by contacting the Sales Department at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092. Email: orders@ashrae.org. Fax: 404-321-5479. Telephone: 404.636.8400 (worldwide) or toll free at 1.800.527.4723 for orders in the U.S. and Canada. Addenda may be downloaded for free on the ASHRAE website at: http://www.ashrae.org/standards-addenda.

- **ASHRAE Guideline 13-2024, *Specifying Building Automation Systems***
- **ANSI/ASHRAE Addendum *b* to ANSI/SHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems***
- **ANSI/ASHRAE Addendum *t* to ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems***
- **ANSI/ASHRAE Addendum *ae* to ANSI/ASHRAE Standard 34-2022, *Designation and Safety Classification of Refrigerants***
- **ANSI/ASHRAE Standard 41.1-2024, *Standard Methods for Temperature Measurement***
- **ANSI/ASHRAE Standard 41.10-2024, *Standard Methods for Refrigerant Volumetric or Mass Flow Measurement Using Flowmeters***
- **ANSI/ASHRAE Addendum *o* to ANSI/ASHRAE Standard 62.2-2022, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings***
- **ANSI/ASHRAE Standard 79-2024, *Method of Testing for Fan-Coil Units***
- **ANSI/ASHRAE/IES Addendum *t* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***
- **ANSI/ASHRAE/IES Addendum *v* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

PUBLICATION NOTICE

- **ANSI/ASHRAE/IES Addendum *r* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***
- **ANSI/ASHRAE/IES Addendum *x* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***
- **ANSI/ASHRAE/IES Addendum *p* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***
- **ANSI/ASHRAE/IES Addendum *z* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***
- **ANSI/ASHRAE/IES Addendum *q* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***
- **ANSI/ASHRAE Addendum *ch* to ANSI/ASHRAE Standard 135-2020, *BACnet - A Data Communication Protocol for Building Automation and Control Networks***
- **ANSI/ASHRAE Addendum *ck* to ANSI/ASHRAE Standard 135-2020, *BACnet - A Data Communication Protocol for Building Automation and Control Networks***
- **ANSI/ASHRAE Addendum *cn* to ANSI/ASHRAE Standard 135-2020, *BACnet - A Data Communication Protocol for Building Automation and Control Networks***

ANSI/ASHRAE Addendum *cq* to ANSI/ASHRAE Standard 135-2020, *BACnet - A Data Communication Protocol for Building Automation and Control Networks*

- **ANSI/ASHRAE Addendum *cs* to ANSI/ASHRAE Standard 135-2020, *BACnet - A Data Communication Protocol for Building Automation and Control Networks***
- **ANSI/ASHRAE/ASHE Addendum *n* to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities***
- **ANSI/ASHRAE/ASHE Addendum *o* to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities***

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PUBLICATION NOTICE

- **ANSI/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***
- **ANSI/ASHRAE/ASHE Addendum *g* to ANSI/ASHRAE/ASHE Standard 189.3-2021, *Design, Construction and Operation of Sustainable High-Performance Health Care Facilities***
- **ANSI/ASHRAE Standard 195-2024, *Method of Test for Rating Air Terminal Unit Controls***

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 211, *Standard for Commercial Building Energy Audits***, will hold a virtual meeting from 4:30 to 5:30 pm (Eastern) on July 18, 2024.

For additional information, please contact David Eldridge, Chair of SSPC 211 dse@grummanbutkus.com

- **SPC 129-1997R, *Estimation of Ventilation Effectiveness for Ventilated Indoor Spaces,*** The Computational Fluid Dynamics (CFD) working group of SPC 129 will hold a web meeting on Wednesday July 17, 2024 from 2:00 pm to 3:00 pm (Eastern).

For additional information, please contact Thomas Smith, Chair of SPC 129 tcsmith@3flow.com. or the CFD WG lead James Lo james.lo@drexel.edu.

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 Standard 135-2020 *A Data Communication Protocol for Building Automation and Control Networks,*** dated April 29, 2024. This errata replaces the current one dated January 6, 2023.

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)