



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 9, 2021, to May 9, 2021

- ◆ **1st Advisory Public Review of BSR/ASHRAE Addendum l to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems**

This first advisory public review draft addendum modifies portions of ANSI/ASHRAE Standard 15-2019 to incorporate requirements for commercial refrigeration applications with the use of A2L, A2, and A3 refrigerants.

- ◆ **1st Public Review of BSR/ASHRAE Addendum a to Standard 41.10-2020, Standard Methods for Refrigerant Mass Flow Rate Measurements Using Flowmeters**

This addendum adds a new definition to Section 3 and revises Sections 5 and 7.4.2.

45-day Public Review from April 9, 2021, to May 24, 2021

- ◆ **3rd ISC Public Review of BSR/ASHRAE Standard 118.2-2006R, Method of Testing for Rating Residential Water Heaters and Residential-Duty Commercial Water Heaters**

This revision of Standard 118.2-2006 provides test procedures for rating the efficiency and hot water delivery capabilities of directly heated residential water heaters and residential-duty commercial water heaters.

PUBLICATION NOTICE

The addenda listed below are now available for free download on the ASHRAE website at: <http://www.ashrae.org/standards-addenda>.

- ◆ **ASHRAE Addendum u to ASHRAE Guideline 36-2018, High Performance Sequences of Operation for HVAC Systems**
- ◆ **ANSI/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings**

NEW REVISION PROJECTS APPROVED

Standards Committee approved the following new revision projects. The TPSs for these projects are not available for public review comment at this time. If you would like to comment, please email Connor Barbaree at: Standards.Section@ashrae.org.

- ◆ **ASHRAE Guideline 20-2010 (RA2016), Documenting HVAC&R Work Processes and Data Exchange Requirements**
- ◆ **ANSI/ASHRAE Standard 22-2018, Methods of Testing for Rating Liquid-Cooled Refrigerant Condensers**
- ◆ **ANSI/ASHRAE Standard 181-2018, Methods of Testing for Rating Liquid to Liquid Heat Exchangers**
- ◆ **ANSI/ASHRAE Standard 222-2018, Standard Method of Test for Electrical Power Drive Systems**

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/IES Standard 90.1-2019 (I-P and SI Editions), Energy Standard for Buildings Except Low-Rise Residential Buildings, dated April 8, 2021. These replace the versions dated March 31, 2021.**



STANDARDS ACTIONS

NEW PROJECTS—CALL FOR MEMBERS

NEW PROJECTS—CALL FOR MEMBERS

A *Call for Members* is announced for the following new project committees. 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/pcmmemberapp> 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.

♦ **ASHRAE Guideline 20-2010R, Documenting HVAC&R Work Processes and Data Exchange Requirements**

1. PURPOSE: To define a systematic procedure for documenting work processes (Use Cases) and data exchange requirements for specific HVAC&R activities.

2. SCOPE: This guideline:

- a. Defines methods for documenting Use Cases and data exchange requirements related to HVAC&R activities involving equipment, systems, design services, and other services over the life cycle of capital facilities. Use Case documentation will employ domain expert terminology and a consistent format to facilitate review and adoption by industry participants
- b. Outlines procedures for web-based management of Use Cases to support development of formal data definitions and implementation in HVAC&R industry software.

♦ **BSR/ASHRAE Standard 22-2018R, Methods of Testing for Rating Liquid-Cooled Refrigerant Condensers**

1. PURPOSE: This standard prescribes methods of testing the thermal performance and liquid-side pressure drop of liquid cooled refrigerant condensers.

2. SCOPE: This standard applies to the methods of testing for thermodynamic performance rating of liquid-cooled refrigerant condensers that operate at subcritical pressures of the refrigerant.

♦ **BSR/ASHRAE Standard 181-2018R, Methods of Testing for Rating Liquid to Liquid Heat Exchangers**

1. PURPOSE: This standard prescribes methods of testing the thermal performance and pressure drop of liquid to liquid heat exchangers.

2. SCOPE:

- a. lists and defines the terms for rating the thermal performance of liquid to liquid heat exchangers; and
 - b. establishes the methods of test to be used as a basis for obtaining the thermal performance and pressure drop of liquid to liquid heat exchangers using water or other single-phase liquids; and
- applies to laboratory testing for purposes of rating heat exchangers within its scope. This standard is not intended for field testing of heat exchangers of any type.

♦ **BSR/ASHRAE Standard 222-2018R, Standard Method of Test for Electrical Power Drive Systems**

Purpose:

To determine the performance of power drive systems for rating the energy efficiency and electrical compatibility with the power grid and with motor insulation.

Scope:

- 1. This standard is intended for HVACR applications that operate from low voltage (≤ 600 V ac).
- 2. This standard applies to adjustable speed electric AC power drive systems, which combine semiconductor power converters including means for their control, protection, monitoring, and measurement with connected electric motors. All electric rotary motor types are included.
- 3. This standard includes:
 - a) Power converters that are completely integrated in motor casings.
 - b) Remote power converters that are tested with motors defined in this standard.



STANDARDS ACTIONS

CALL FOR MEMBERS

A Call for Members is announced for the following U.S. TAG (Technical Advisory Group). Persons who are interested in serving on this committee are asked to indicate their interest and obtain the necessary membership form by contacting Ryan Shanley, Manager of Standards – International, at rshanley@ashrae.org.

- ♦ **U.S. TAG to ISO/TC 59/SC 13, *Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM)***

ISO/TC 59/SC 13 is charged by ISO/TC 59 to focus on international standardization of information through the whole life cycle of buildings and infrastructure across the built environment:

- ⇒ to enable interoperability of information;
- ⇒ to deliver a structured set of standards, specifications and reports to define, describe, exchange, monitor, record and securely handle information, semantics and processes, with links to geospatial and other related built environment information;
- ⇒ to enable object-related digital information exchange.

EXPERTISE NEEDED: This call for members is open to all interested parties.

INTERPRETATIONS

New official interpretations to the following standard are now available on the ASHRAE website at: <http://www.ashrae.org/standards-interpretations>

- ♦ **ANSI/ASHRAE/IES Standard 90.1, *Energy Standard for Buildings Except Low-Rise Residential Buildings***
 - ⇒ Interpretation 90.1-2013-21 – March 24, 2021 (Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Section 8.4.2 and Table 9.6.1, regarding automatic receptacle control at workstations in spaces otherwise not required to be furnished with occupancy sensors under ASHRAE/IES 90.1.)
 - ⇒ Interpretation 90.1-2013-22 – March 24, 2021 (Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Sections 5.5.4.3 and 5.8.2.3,

INTERPRETATIONS

regarding U-factor of the fenestration for the actual fenestration size versus standard reference size per NFRC 100.)

- ⇒ Interpretation 90.1-2019-5 - March 31, 2021 (Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2019, Sections 6.5.3.5 and 6.5.3.5.1, regarding supply air temperature reset.)

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 15, *Safety Standard for Refrigeration Systems***. The Standard 15.2P Subcommittee, Safety Standard for Refrigeration Systems in Residential Applications, will hold webinars on the following dates:
 - ⇒ April 14, 2021, from 2:00 pm to 4:00 pm (Eastern)
 - ⇒ April 20, 2021, from 2:00 pm to 4:00 pm (Eastern)
 For additional information, please contact Ryan Shanley, Staff Liaison to SSPC 15 (rshanley@ashrae.org).
- ♦ **SPC 37-2009R, *Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment***, will hold a conference call on April 28, 2021 March 31, 2021 from 10:00 am to 12:00 pm (Eastern). For additional information contact Christopher Stone, Chair of SPC 37 (cstone@ahrinet.org).
- ♦ **SPC 105-2014R, *Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions***, will hold a webinar on April 22, 2021 from 4:00 pm to 6:00 pm (Eastern). For additional information contact Patrick Carpenter, Chair of SPC 105 (facperfeng@comcast.net).
- ♦ **SPC 220P, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers***, will hold a conference call on April 22, 2021 from 1:00 pm to 3:00 pm (Eastern). For additional information contact Oliver Ta, Chair of SPC 220 (oliver.ta@sce.com).



STANDARDS ACTIONS

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](#)