



## STANDARDS ACTIONS

Important Information Regarding the Development of ASHRAE Standards and Guidelines

### PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited for the following Public Review Drafts, which can be accessed on ASHRAE's website at <http://www.ashrae.org/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, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305, or via email at: [standards.section@ashrae.org](mailto: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 25, 2016 to April 24, 2016**

- ♦ **3<sup>rd</sup> ISC Public Review of BSR/ASHRAE/IES Addendum bd to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This proposal requires monitoring chiller plant efficiency in large electric motor driven chilled water plants for plants with a peak chilled water output based upon equipment type and climate zone, and is designed to help commissioning and ongoing operations of the aforementioned chilled water plants.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum do to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings -First public review draft-***

Currently, lighting in dwelling units in high-rise buildings is exempt in both ASHRAE 90.1 and 90.2. The proposed requirements below are similar to those in Energy Star for high efficacy lighting. For this 90.1 proposal, they are simplified to apply to anticipated dwelling units in commercial buildings, support compliance, and are conservative to allow design flexibility. In general, the efficacy requirements will eliminate the use of INC/Halogen sources as well as less efficacious CFL and LED products.

### PUBLIC REVIEW—CALL FOR COMMENTS

- ♦ **2<sup>nd</sup> ISC Public Review of BSR/ASHRAE/IES Addendum dw to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

The efficiency for the motors used in hydraulic elevators is substantially different than the motor efficiencies used for traction elevators. In addition the hydraulic elevator motors are usually not a type covered by the standard. This change to Addendum dw adds efficiencies for hydraulic elevator motors.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum dz to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

The purpose of this addendum is to provide clarifications only that are related to changes made as a result of addendum cp. This addendum does not change the criteria of the standard. The base assembly for metal building walls is clarified and reference to all insulation methods recognized in Section A3.2 rather than indicating one insulation methodology as the "base assembly" which is not intended

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum ea to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This revision to Standard 90.1 generally addresses minor inconsistencies in terminology in sections 5 thru 11 that have developed over time. Terminology is coordinated with the definitions in Section 3.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum eb to ANSI/ASHRAE Standard 90.1-2013, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This revision to Standard 90.1 generally addresses minor inconsistencies in terminology in Appendices C and G that have developed over time. Terminology is coordinated with the definitions in Section 3.



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| PUBLIC REVIEW—CALL FOR COMMENTS   | PUBLIC REVIEW—CALL FOR COMMENTS  |
|---|--|
| <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ec</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>When preparing documentation to explain the derivation of each number in Table 4.2.1.1 (Building Performance Factors), a single number was found to be inconsistent with the derived values</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ed</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>The HVAC System Types that apply to Section G.3.1.3.18 Dehumidification did not include some logical system types. This addendum adds HVAC System Types 11, 12 and 13 to that section.</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ef</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>This addendum proposes changes to Table G3.1.1-2, based on updated 2012 CBECS information for baseline service water heating systems.</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>eg</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>The sentence that is being removed is no longer necessary since the most common building energy modeling programs are able to simulate integrated water economizers.</p> | <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ei</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>Currently, the historic building exemption can allow for exempting the entire building including parts that may be new additions or not part of the historic element. This proposal will tighten that to ensure that non-historic elements or building parts will have to meet the applicable requirements.</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ej</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>This addendum modifies the text to use correct terminology for LED drivers.</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>ek</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>This addendum establishes baseline commercial refrigeration limits for Appendix G which are based on the California Energy Commission Appliance Efficiency Regulations 2005</p> <ul style="list-style-type: none"><li>♦ <b>1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum <i>el</i> to ANSI/ASHRAE Standard 90.1-2013, <i>Energy Standard for Buildings Except Low-Rise Residential Buildings</i></b></li></ul> <p>This proposal adds a mandatory requirement for air-cooled direct expansion cooling units with economizers to have basic fault detection and diagnostic (FDD) systems, and were developed in consultation with unitary system and economizer control manufacturers.</p> |



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### PUBLIC REVIEW—CALL FOR COMMENTS

**45-day Public Review from  
March 4, 2016, to May 9, 2016**

- ♦ **1<sup>st</sup> Public Review of ASHRAE Guideline 39P, *Method of Test for Measuring Fractionated Compositions of Refrigerant Blends***

This guideline describes a method of test (MOT) for determining the fractionated compositions of refrigerant blends for the purpose of assigning a safety classification under ANSI/ASHRAE Standard 34.

- ♦ **1<sup>st</sup> Public Review of BSR/ASHRAE Standard 209P, *Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings***

The purpose of ASHRAE Standard 209P is to define minimum requirements for providing energy design assistance using building energy simulation and analy-

### INTERIM MEETINGS

A complete listing of project committee interim meetings is provided on ASHRAE's website at:

<http://www.ashrae.org/pc-interim-meetings>.

- ♦ **SPC 20-1997R, *Methods of Laboratory Testing Remote Mechanical-Draft Air-Cooled Refrigerant Condensers***, will hold a conference call on Thursday, April 14, 2016 from 2:00 pm to 4:00 pm (Eastern). For additional information contact Raymond Rite, Acting Chair of SPC 20 ([ray.rite@irco.com](mailto:ray.rite@irco.com)).
- ♦ **SPC 90.4P, *Energy Standard for Data Centers and Telecommunications Buildings***, will hold an in-person interim meeting on March 18-19, 2016 beginning at 8:00 am (Eastern) on both days at ASHRAE Headquarters in Atlanta, GA. SPC 90.4 will hold a conference call on Monday, April 11, 2016 from 11:00 am to 1:00 pm Eastern. For additional information contact Stephanie Reiniche ([reiniche@ashrae.org](mailto:reiniche@ashrae.org)).

### INTERIM MEETINGS

- ♦ **SPC 127-2012R, *Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners***, will hold a conference call on Friday, April 1, 2016 from 3:00 pm to 4:30 pm (Eastern). For additional information contact John Bean, Chair of SPC 127 ([John.Bean@schneider-electric.com](mailto:John.Bean@schneider-electric.com)).
- ♦ **SPC 128-2011R, *Method of Rating Portable Air Conditioners***, will hold a conference call on Thursday, March 31, 2016 from 3:00 pm to 4:30 pm (Eastern). For additional information contact Deep Ghosh, Chair of SPC 128 ([dghosh@southernco.com](mailto:dghosh@southernco.com)).
- ♦ **SSPC 188, *Legionellosis: Risk Management for Building Water Systems***, will hold a web meeting on Monday, April 4, 2016 from 3:00 pm to 5:00 pm ET. For additional information please contact Stephanie Reiniche ([sreiniche@ashrae.org](mailto:sreiniche@ashrae.org)).
- ♦ **SPC 215P, *Method of Test to Determine Leakage Airflows and Fractional Leakage of Operating Air-Handling Systems***, will hold a conference call on Monday, April 11, 2016 from 2:00 pm to 4:00 pm (Eastern Daylight Time). For additional information, please contact Craig Wray, Chair of SPC 215P ([PharmEng@PacBell.net](mailto:PharmEng@PacBell.net)).
- ♦ **SPC 205P, *Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment***, will hold a conference call on Tuesday, April 12, 2016 from 12:00 noon to 2:00 pm (Eastern). For additional information contact Charles Barnaby, Chair of SPC 205 ([chipbarnaby@gmail.com](mailto:chipbarnaby@gmail.com)).



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### INTERPRETATIONS

New official interpretations of ANSI/ASHRAE/IES Standard 90.1, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, listed below are now available for free download at: <https://www.ashrae.org/standards-research--technology/standards-interpretations/interpretation-for-standard-90-1-2007>. The responses were approved by SSPC 90.1 on 3/11/2016.

#### Interpretations for Standard 90.1-2007

- ♦ Interpretation 90.1-2007-30 – March 11, 2016 (*Refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2007, Section G3.1.3.12, regarding supply air temperature reset (Systems 5 through 8).*)
- ♦ Interpretation 90.1-2007-31 – March 11, 2016 (*Refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2007, Section G3.1.1 Exception b and Table 3.1.1B, regarding Baseline HVAC System Type & Description.*)

#### Interpretations for Standard 90.1-2013

- ♦ Interpretation 90.1-2013-8 – March 11, 2016 (*Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Section 9.4.2 and Table 9.4.2-2, relating to exterior building lighting power and building facades.*)
- ♦ Interpretation 90.1-2013-9 – March 11, 2016 (*Refers to the requirements presented in ANSI/ASHRAE/IES Standard 90.1-2013, Section 9.1.2, relating to lighting alterations.*)

### JOIN A LISTSERVE

Click on the list below to learn more about ASHRAE Standards Activities!

- ⇒ [ASHRAE Standards Actions](#)
- ⇒ [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](#)
- ⇒ [SPC 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](#)
- ⇒ [Code Intended Standards, CIS Listserve](#)