

**STANDARDS COMMITTEE**

**MINUTES**

**ASHRAE Virtual Annual Meeting**

**June 26, 2020**

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| TABLE OF CONTENTS |

[1. Call to Order and Introductions 3](#_Toc47089759)

[2. Adoption of the Agenda 3](#_Toc47089760)

[3. Chair’s Report 3](#_Toc47089761)

[4. BOD Officials’ Report 4](#_Toc47089762)

[5. SR. MOS Report 4](#_Toc47089763)

[6. Approval of Minutes 4](#_Toc47089764)

[7. Review of Action Items 4](#_Toc47089765)

[8. Publication Drafts 4](#_Toc47089766)

[9. SPLS Report 6](#_Toc47089767)

[10. PPIS 8](#_Toc47089768)

[11. SRS 8](#_Toc47089769)

[12. ILS/ISAS 9](#_Toc47089770)

[13. Old Business 9](#_Toc47089771)

[14. Strategic Plan and MBOs 9](#_Toc47089772)

[15. Next Meeting/Closing Items 9](#_Toc47089773)

[16. Adjournment 9](#_Toc47089774)

[17. Attachments 9](#_Toc47089775)

**Standards Committee Action Items**

**As of June 26, 2020**

**Updated Items Noted in Red**

|  |  |  |  |
| --- | --- | --- | --- |
| **January Orlando Winter Meeting** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 1 | An action item was assigned to PPIS (lead) along with CIS and ILS/ISAS to take a longer look at globalization in all relevant documents PASA and other procedures. | PPIS and CIS | Open |
| 2 | StdC to form an Ad Hoc Committee, chaired by Wayne Stoppelmoor, to review the issues related to addendum 62.2a and determine if SSPC 62.2 made sufficient efforts to resolve objections and if the technical issues were afforded due process by the April StdC meeting. | StdC | Complete |
| **June 2019 Kansas City Annual Meeting** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 1 | An action item was assigned to the SSPC 90.1, 90.2 and 189.1 committees to recommend liaisons from each committee to the new 227P SPC. 189.1 liaison added August 2019  2/1 – ongoing for 90.1 and 90.2 Steve Ferguson to follow up  Connor to check on this | PC Liaisons & Staff | Open |
| **January 2019 Atlanta Winter Meeting** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 2 | SPLS to review the ASHRAE/NSF 514 draft publication for duplication and harmonization prior to approval for public review. SPLS to send the draft back to the consensus body to resolve any procedural concerns that are identified.  Ongoing | SPLS | Open |
| **June 2018 Houston Annual Meeting** | | | |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 3 | Staff to work with ANSI ISO Staff and SSPC 34 to develop a way to have one standard similar to the process used by SSPC 135.  Ongoing | Staff | Open |

# 1. Call to Order and Introductions

The Standards Committee Virtual Annual Meeting was called to order on June 26, 2020 at noon ET via conference call.

**Introductions**

Members of the committee, staff and guests were greeted. The attendees were as follows:

|  |  |
| --- | --- |
| **Members Present**  Wayne Stoppelmoor, Chair  Dru Crawley, VC  Charles Barnaby  Robert Burkhead  Thomas Cappellin  Douglas Fick  Michael Gallagher  Walter Grondzik  Susanna Hanson  Rick Heiden  Jonathan Humble  Srinivas Katipamula  Essam Khalil  Larry Kouma  Cesar Lim  Karl Peterman  Erick Phelps  Lawrence Schoen  Steven Sill  Richard Swierczyna  Rusty Tharp  Adrienne Thomle  Christian Taber  Michael Woodford  Theresa Weston  Craig Wray  Dennis Knight, CO  Jaap Hogeling, XO | **Members Not Present**  Els Baert  **Staff Present**  Connor Barbaree, *Sr MOS*  Susan LeBlanc, *SA*  Tanisha Meyers-Lisle, *PA*  Stephanie Reiniche, *Director*  Ryan Shanley, *MOS-I*  Mark Weber, *MOS-A*  **Guests Present**  Steven Bushby  David Delaquila  Don Denton  Paul Ehrlich  Keith Emerson  Drake Erbe  Rob Falke  Gerald Kettler  Jay Kohler  Jim Lutz  Tim McGinn  William McQuade  Emily Porcari  Dave Robin  Steven Rosenstock |

# 2. Adoption of the Agenda

The agenda was adopted as presented. A reference to the ASHRAE Code of Ethics was made.

# 3. Chair’s Report

StdC Chair Wayne Stoppelmoor provided an update on items discussed by Standards ExCom, including a status update on addendum *a* to Standard 62.2.

# 4. BOD Officials’ Report

Board ExO, Jaap Hogeling gave a presentation on the current and future efforts of the Society (see [Attachment A](#AttA)). Board CO, Dennis Knight acknowledge the importance and hard work of Standards Committee and thanked members for their service.

# 5. SR. MOS Report

Mr. Connor Barbaree reported there are no new appeals or Complaints of Action/Inaction. Staff changes included the promotion of Emily Toto to Manager of Standards – Codes.

# 6. Approval of Minutes

It was moved by Jonathan Humble and seconded by Craig Wray:

**1** That the StdC Orlando Winter Meeting Minutes be approved as presented.

**MOTION PASSED.** 25-0-0 Chair not Voting (CNV)

# 7. Review of Action Items

See the updated status of [Action Items](#actionitems) beginning on page 2.

# 8. Publication Drafts

It was moved by Susanna Hanson and seconded by Adrienne Thomle:

**2** That BSR/ASHRAE Addendum *b* to Standard 52.2-2017, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*, be approved for publication.

**MOTION PASSED. 24-0-1[[1]](#footnote-1), CNV**

It was moved by Susanna Hanson and seconded by Rick Heiden:

**3** That BSR/ASHRAE Addendumto ANSI/ASHRAE Standard 55-2017, *Thermal Environmental Conditions for Human Occupancy*, be approved for publication.

**MOTION PASSED. 24-0-1[[2]](#footnote-2),** CNV

It was moved by Susanna Hanson and seconded by Jonathan Humble:

**4** That the following be approved be approved for publication:

1. BSR/ASHRAE Addendum *by* ANSI/ASHRAE/IES Standard 90.1-2019, *Standard for Buildings Except Low-Rise Residential Buildings*
2. BSR/ASHRAE Addendum *ck* ANSI/ASHRAE/IES Standard 90.1-2019, *Standard for Buildings Except Low-Rise Residential Buildings*
3. BSR/ASHRAE Addendum *cp* ANSI/ASHRAE/IES Standard 90.1-2019, *Standard for Buildings Except Low-Rise Residential Buildings*

**MOTION PASSED.** 22-0-3[[3]](#footnote-3), CNV

It was moved by Susanna Hanson and seconded by Walter Grondzik:

**5** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *m* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 22-0-3[[4]](#footnote-4), CNV

It was moved by Susanna Hanson and seconded by Walter Grondzik:

**6** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *m* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 21-0-4[[5]](#footnote-5), CNV

It was moved by Susanna Hanson and seconded by Walter Grondzik:

**7** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *t* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 21-0-4[[6]](#footnote-6), CNV

It was moved by Susanna Hanson and seconded by Walter Grondzik:

**8** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *z* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 21-0-4[[7]](#footnote-7), CNV

**9** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *aa* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 21-0-4[[8]](#footnote-8), CNV

It was moved by Susanna Hanson and seconded by Walter Grondzik:

**10** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *ah* to ANSI/ASHRAE/ICC/ USGBC/IES Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings,* be approved for publication.

**MOTION PASSED.** 21-0-4[[9]](#footnote-9), CNV

It was moved by Susanna Hanson and seconded by Jonathan Humble:

**11** That BSR/ASHRAE Standard 221P, *Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System,* be approved for publication.

**MOTION PASSED.** 22-1[[10]](#footnote-10)-2[[11]](#footnote-11), CNV

# 9. SPLS Report

The SPLS Report was presented by SPLS Chair, Susanna Hanson. For more information regarding this report please see [Attachment B](#AttB).

It was moved by Susanna Hanson:

**12** That proposed changes to the TPS for Standard 41.3, *Standard Methods for Pressure Measurement*, be approved.

**MOTION PASSED.**  25-0-0, CNV

It was moved by Susanna Hanson:

**13** That proposed changes to the TPS for Standard 140*,* *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs*, be approved.

**MOTION PASSED.**  25-0-0, CNV

It was moved by Susanna Hanson:

**14** That proposed changes to the TPS for Standard 223P, *Designation and Classification of Semantic Tags for Building Data,*be approved contingent upon approval by cognizant SSPC 135, *BACnet - A Data Communication Protocol for Building Automation and Control Networks,* as*,* be approved.

**MOTION PASSED.** 25-0-0 CNV

*Secretary’s note: SSPC 135 voted 10-0-0 CNV at its July 8, 2020 meeting to approve the proposed TPS changes to Standard 223P.*

It was moved by Susanna Hanson:

**15** That proposed changes to the TPS for SPC 228, *Standard Method of Evaluating Net-Zero Energy Building Performance*, be approved.

**MOTION PASSED.**  25-0-1[[12]](#footnote-12), CNV

It was moved by Susanna Hanson:

**16** That changes to the membership roster for SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings,* be approved as follows:

i. Reappointment of Iain Walker as Chair and PCVM-General on the Indoor Air Quality Subcommittee for a three-year term beginning July 2, 2020 and ending June 30, 2023, be approved.

**MOTION PASSED.**  25-0-1[[13]](#footnote-13), CNV

It was moved by Susanna Hanson:

**17** That that changes to the membership roster for SSPC 90.1, *Energy Standard for Buildings Except Low-Rise Residential Building*s, be approved as follows:

1. Change of Status for Don Brundage from PCVM-Utility on the Envelope Subcommittee to Chair PCVM-Utility for a three-year term beginning July 2, 2020 and ending June 30, 2023.

**MOTION PASSED.** 23-0-3[[14]](#footnote-14), CNV

It was moved by Susanna Hanson:

**18** That SSPC 164, *Methods of Test for Humidifiers,* be formed as a standing cognizant committee responsible for the maintenance of Standards 164.1, *Method of Test for Residential Central-System Humidifiers*, 164.2, *Method of Test for Self-Contained Residential Humidifiers,* 164.3 *Method of Test for Commercial and Industrial Isothermal Humidifiers*, and 164.4, *Method of Test for Commercial and Industrial Adiabatic Humidifiers*.

**MOTION PASSED.**  25-0-0, CNV

It was moved by Susanna Hanson:

**19** That SPC 221, *Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System* be placed on continuous maintenance upon publication and that a standing project committee be formed.

**MOTION PASSED.**  24-0-1[[15]](#footnote-15), CNV

# 10. PPIS

The PPIS Report was presented by PPIS Chair, Rick Heiden. For more information regarding this report please see [Attachment C](#AttC).

It was moved by Rick Heiden:

**20** That the Board approve the following Title, Purpose and Scope be approved:

**TITLE**: CDL - A Control Description Language for Building Environmental Control Sequences

**PURPOSE**:

The purpose of this standard is to define a declarative graphical programming language for building environmental control sequences that is both human and machine readable designed for specification, implementation through machine-to-machine translation, documentation, and simulation.

**SCOPE**:

This standard applies to building automation systems controlling environmental systems such as mechanical systems, active facades, and lighting.

**MOTION PASSED.**  25-0-0, CNV

# 11. SRS

The SRS Report was presented by SRS Chair, Dru Crawley. For more information regarding this report please see [Attachment D](#AttD).

It was moved by Dru Crawley:

**21** That ASHRAE Standard 129-1997 (RA 2002), *Measuring Air-Change Effectiveness*, be approved for revision and that a revision project committee be formed.

**MOTION PASSED.**  24-0-2[[16]](#footnote-16), CNV

It was moved by Dru Crawley:

**22** That IEEE Standard 1635-2018/ASHRAE Guideline 21-2018, *Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications*, be approved for revision and that a revision project committee be formed.

**MOTION PASSED.**  26-0-0, CNV

It was moved by Dru Crawley:

**23** That ASHRAE Guideline 40-2017, *Refrigeration Oil Description*, be approved for revision and that a revision project committee be formed.

**MOTION PASSED.**  26-0-0, CNV

# 12. ILS/ISAS

ILS/ISAS Chair, Drake Erbe, presented the ILS/ISAS Report as shown in [Attachment E](#AttE). There were no motions for StdC.

**13. Old Business**

Status of BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 62.2-2016, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*

The Ad-Hoc working group met two (2) times and was able to use that time to work with the current and past chair of 62.2 and the objectors to addendum a to present a compromise proposal to the Ad-Hoc. The Chair of Standards Committee sent a letter to the Chair of SSPC 62.2 that was drafted with the help of the Ad-Hoc group that made recommendations for potential next steps for SSPC 62.2 in reference to addendum a and a potential compromise proposal. After their summer meeting SSPC 62.2 is currently balloting a slightly modified version of the compromise proposal. SSPC 62.2 also approved a letter to the board that requested feedback on why addendum a was disapproved by the board or reconsideration of addendum a. Standards Committee had ample discussion on the letter and why the addendum was disapproved at the board. No actions were taken by Standards Committee on this particular item.

# 14. Strategic Plan and MBOs

Standards Committee reviewed the Strategic Plan and updated MBOs as shown in [Attachment F](#AttF).

# 15. Next Meeting/Closing Items

Next Meetings:

• Fall Conference Call – TBD

# 16. Adjournment

The Standards Committee meeting adjourned at approximately 3:00 pm ET.

# 17. Attachments

Attachment A



Attachment B



Attachment C



Attachment D



Attachment E



Attachment F



1. Bob Burkhead abstained because he is a member of the SSPC. [↑](#footnote-ref-1)
2. Larry Schoen abstained because he is a member of the SSPC. [↑](#footnote-ref-2)
3. Jonathan Humble, Christian Taber and Craig Wray abstained because they are current or recent past members of the SSPC. [↑](#footnote-ref-3)
4. Jonathan Humble, Christian Taber and Craig Wray abstained because they are current or recent past members of the SSPC. [↑](#footnote-ref-4)
5. Dru Crawley, Jonathan Humble, Larry Schoen, and Christian Taber abstained because they are members of the SSPC. [↑](#footnote-ref-5)
6. Dru Crawley, Jonathan Humble, Larry Schoen, and Christian Taber abstained because they are members of the SSPC. [↑](#footnote-ref-6)
7. Dru Crawley, Jonathan Humble, Larry Schoen, and Christian Taber abstained because they are members of the SSPC. [↑](#footnote-ref-7)
8. Dru Crawley, Jonathan Humble, Larry Schoen, and Christian Taber abstained because they are members of the SSPC. [↑](#footnote-ref-8)
9. Dru Crawley, Jonathan Humble, Larry Schoen, and Christian Taber abstained because they are members of the SSPC. [↑](#footnote-ref-9)
10. Craig Wray voted no stating, there were no serious efforts to resolve commenters and the committee needs to have more discussion to resolve differences. [↑](#footnote-ref-10)
11. Mike Woodford and Christian Taber abstained. [↑](#footnote-ref-11)
12. Dru Crawley abstained because he is a member of the committee. [↑](#footnote-ref-12)
13. Larry Schoen abstained because he is a contractor for the SSPC’s User Manual. [↑](#footnote-ref-13)
14. Jonathan Humble, Craig Wray, and Christian Taber abstained because they are current or past members of the SSPC. [↑](#footnote-ref-14)
15. Larry Schoen abstained. [↑](#footnote-ref-15)
16. Craig Wray abstained because he is a potential member of the SPC. Larry Schoen abstained because he missed the discussion. [↑](#footnote-ref-16)