**STANDARDS COMMITTEE**

**MINUTES**

**ASHRAE 2021 Virtual Winter Meeting**

**January 27, 2021**

*Approved by StdC March 31, 2021*

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**Standards Committee Action Items**

**As of January 27, 2021**

**Updated Items Noted in Red**

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| **January Virtual Winter Meeting 2021** |
| **AI#** | **Action Item** | **Assigned** | **Status** |
| 1 | PPIS accepted an action item from SPLS to determine appropriate action to remove a PC member when ethics violations may be involved. | PPIS  | Open  |
| **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.Ongoing report later today - ongoing | PPIS and CIS  | 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 -open no draft publication yet | 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 Connor – still working through a solution. Keep open | Staff | Open |

# 1. Call to Order and Introductions

The Standards Committee 2021 Virtual Winter Meeting was called to order on January 27, 2021 at 9:00 am ET via conference call.

**Introductions**

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

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| --- | --- |
| **Members Present** Dru Crawley, *Chair*Rick Heiden, *Vice Chair*Chip BarnabyRobert BurkheadThomas CappellinDoug FickWalter GrondzikSusanna HansonJonathan HumbleSrinivas KatipamulaJerry KettlerMalcom D. KnightJay KohlerLarry KoumaCesar LimJim LutzKarl PetermanErick PhelpsDave RobinLawrence SchoenChristian TaberRusty TharpTheresa WestonCraig WrayDrake Erbe, *ILS/ISAS Chair* Jaap Hogeling, *BOD ExO*William McQuade, *CO*   | **Members Not Present**Essam KhalilSteven SillRichard Swierczyna**Staff Present**Connor Barbaree, *Sr MOS*Susan LeBlanc, *SA*Tanisha Meyers-Lisle, *PA*Stephanie Reiniche, *Director*Ryan Shanley, *MOS-I***Guests Present**Steve BushbySanjeev HingoraniNicholas HurstDr. Linda LeeKimberly LlewellynStephen MartinTim McGinnMike MooreGlenn RemingtonMax ShermanAdrienne ThomleGayathri VijayakumarIain Walker |

# 2. Adoption of the Agenda

The agenda was adopted as presented. A review of the ASHRAE Code of Ethics and Anti-Trust Guidelines was made.

# 3. Chair’s Report

StdC Chair Dru Crawley provided an update on items discussed by Standards ExCom and announced the resignation of Els Baert.

# 4. BOD Officials’ Report

Board ExO, Jaap Hogeling updated StdC on Board actions and plans as shown in the presentation in [Attachment A](#AttA). Board CO, Dennis Knight, thanked Standards Committee members for their service.

# 5. SR. MOS Report

Mr. Connor Barbaree reported there are two appeals in progress relating to 62.2a and 170l. The appeals panels have been formed and are in the process of reviewing the issues. He also reported there are no new Complaints of Action/Inaction.

# 6. Approval of Minutes

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

**1** That the StdC Fall 2020 Meeting Minutes be approved as presented.

**MOTION PASSED.** 21-0-1[[1]](#footnote-1) 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 Cesar Lim:

**2** That BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality* be approved for publication.

**MOTION PASSED. 23-0-0 CNV**

It was moved by Susanna Hanson and seconded by Doug Fick:

**3** That BSR/ASHRAE Standard 207P, *Laboratory Method of Test of Fault Detection and Diagnosis for Air Economizers*, be approved for publication.

**MOTION PASSED. 23-0-0 CNV**

It was moved by Susanna Hanson and seconded by Jim Lutz:

**4** That BSR/ASHRAE Addendum *y* to ANSI/ASHRAE Standard 62.2-2019, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings,* be approved for publication.

**MOTION PASSED. 19-4[[2]](#footnote-2)-0 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:

**5** That proposed changes to the TPS for Standard 213P, *Method for Calculating Moist Air Thermodynamic Properties*, be approved as shown in the SPLS Report.

 **MOTION PASSED.**  23-0-0, CNV

It was moved by Susanna Hanson:

**6** That proposed changes to the TPS for Standard 514P*, Control Measures for Building Water Systems to Reduce Illness and Injury,* be approved as shown in the SPLS Report.

**MOTION PASSED.** 23-0-0, CNV

It was moved by Susanna Hanson:

**7** That proposed changes to the TPS for Standard 172*, Method of Test for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems*, be approved as shown in the SPLS Report.

**MOTION PASSED.** 23-0-0, CNV

It was moved by Susanna Hanson:

**8** That a waiver of PASA, Annex D: *Units Policy*, be granted for SPC 213, *Method for Calculating Moist Air Thermodynamic Properties*.

**MOTION PASSED.** 23-0-0, CNV

**Executive Session**

It was moved by Susanna Hanson:

**9** That Gwelen Paliaga be awarded the Standards Achievement Award.

**MOTION PASSED.**

**End of Executive Session**

# 10. PPIS

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

It was moved by Bob Burkhead:

**10** That that the following Title, Purpose and Scope (TPS) be approved and that a new Standard Project Committee be formed:

**TITLE:** Method of Testing of Performance In-Room Devices/Systems for Microorganism and/or Virus Removal or Inactivation in a Chamber

**PURPOSE:**

The standard establishes a method of test for evaluating in-room Devices/Systems for microorganism and/or virus removal or inactivation in a chamber.

**SCOPE:**

**2.1** This standard describes a method of laboratory testing to measure the performance of in-room Devices/Systems for microorganism and/or virus removal or inactivation in a chamber.

**2.2** The method of test measures the performance of in-room Devices/Systems for microorganism and/or virus removal or inactivation in a chamber. The method recommends selected indicator microorganisms/viruses in the chamber. The standard defines procedures for generating the bioaerosols required for conducting the test. It also provides a method for counting the airborne bioaerosols in the chamber in order to calculate inactivation efficiency for each microorganism.

**2.3** This standard also establishes minimum performance specifications for the equipment required to conduct the tests, defines methods of calculating and reporting results obtained from the test data, and establishes a reporting system to be applied to in-room Devices/Systems covered herein.

It was moved by Larry Schoen and seconded by Craig Wray:

**10A** That Motion 10 be postponed until the end of February pending review by the proposer and PPIS.

**MOTION PASSED.** 22-2[[3]](#footnote-3)-0, CNV

# 11. SRS

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

It was moved by Rick Heiden:

**11** That ANSI/ASHRAE Standard 209-2018, *Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings* be revised and that a new revision project committee be formed.

 **MOTION PASSED.**  23-0-0, CNV

# 12. CIS

CIS Chair, Jonathan Humble, presented the CIS Report as shown in [Attachment E](#AttE). There were no motions for StdC.

# 13. ILS/ISAS

ILS/ISAS Chair, Drake Erbe presented the ILS/ISAS Report as shown in [Attachment F](#AttF).

It was moved by Drake Erbe:

**11** That Standards Committee recommend to Technology Council to recommend to the Board ExCom the formation of new standing committee named International Standards Interaction Committee reporting to Technology Council as shown in the proposed new Rule of the Board, as shown in [Attachment G](#AttG).

 **MOTION PASSED.**  23-0-0, CNV

It was moved by Drake Erbe and seconded by Susanna Hanson:

**11** That Motion 2 in the ILS/ISAS Proposal, as shown in [Attachment G](#AttG), be placed in the background of Motion 1 when presented to Technology Council.

 **MOTION PASSED.**  22-1[[4]](#footnote-4)-0, CNV

# 14. MBOs

Standards Committee reviewed the updated MBOs as shown in [Attachment H](#AttE).

**15. New Business**

 None.

# 16. Next Meeting/Closing Items

Next Meetings:

* Spring Meeting TBD
* ASHRAE 2021 Annual Meeting, June 2021

# 17. Adjournment

The Standards Committee meeting adjourned at approximately 12:10 pm ET.

# 18. Attachments

Attachment A



Attachment B



Attachment C



Attachment D



Attachment E



Attachment F



Attachment G



Attachment H



1. Doug Fick abstained because he did not attend the meeting. [↑](#footnote-ref-1)
2. Rick Heiden voted no stating, “I voted no because although the committee went through proper steps to resolve commenters, it knowingly left the document with language ambiguity that will necessitate interpretations for code compliance.  62.2 is a code intended standard and as such is intended to be adopted as a code using code language.  A code language document is a document that presents a set of requirements related to the design, application, or use of HVAC&R and related technologies where all or portions of the document may be enacted as mandatory enforceable requirements by a political jurisdiction. Portions intended to be enforced (normative) are written in mandatory, enforceable language. Portions not intended to be enforced are identified as informative and are to be located in informative notes, in informative annexes (appendices) or in other advisory documents. See annex, informative annex, informative notes and normative annex.”

Rusty Tharp voted no stating, “I voted no for publication of addendum y to 62.2-2019 today because the additional clarification described in today’s StdC meeting makes me question whether adequate committee response was provided to commenters in regards to the definitions, which affects how the standard requirements would be applied. ASHRAE Standards are to be written in clear, code compliant language. As a member of SSPC15, I am aware of discussions and concerns in relation to the use of “corridor” and “lobby” in ASHRAE Standard 15, and it was obvious from the discussion that the proposed addendum y to 62.2-2019 did not clearly address the concerns of the commenters in use of wording, defined terms, etc. I agree with the comment made during the meeting that it would seem the committee could resolve all commenters in perhaps just one more meeting to address this aspect.”

Theresa Weston voted no stating, “In listening to the discussion, it appeared the process on comment resolution was incomplete in that the terminology was not clarified and development of definitions was dropped during the committee discussion. I believe a vote "not to define" would have been needed to complete the resolution process and that did not appear to have occurred.”

Craig Wray voted no stating, “My reason for voting no on the motion to approve addendum y for publication is, as stated in the analysis sheet: ‘Commenters, including manufacturers of potentially banned products, offered compromises on many issues and some discussion took place, but in the end, the committee accepted no compromises on any of the varied commenter issues, suggesting commenters instead go submit change proposals." Based on this statement and on my observations during PC deliberations, I do not believe that a good faith effort was made to resolve the commenters objections.’ Simply discussing issues without attempting to resolve objections does not comply with the spirit of PASA.” [↑](#footnote-ref-2)
3. Jim Lutz voted no because he felt a committee needs to be formed. Theresa Weston voted no because she felt the motion came up in the middle of the discussion and was premature. [↑](#footnote-ref-3)
4. Walter Grondzik voted no stating, “I voted "no" on Motion 2 from IALAS as restated because I did not believe that the proposed action appropriately addressed the original motion from the subcommittee.” [↑](#footnote-ref-4)