

**STANDARDS COMMITTEE**

**MINUTES**

**ASHRAE 2020 Fall Meeting**

**November 4, 2020**

Approved by StdC on January 27, 2021

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**Standards Committee Action Items**

**As of November 4, 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.  Ongoing | PPIS and CIS | Open |
| **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 | PC Liaisons & Staff | Closed |
| **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 2020 Fall Meeting was called to order on November 4, 2020 at 1:00 pm ET via conference call.

**Introductions**

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

|  |  |
| --- | --- |
| **Members Present**  Dru Crawley, Chair  Rick Heiden, Vice Chair  Chip Barnaby  Robert Burkhead  Thomas Cappellin  Walter Grondzik  Susanna Hanson  Jonathan Humble  Srinivas Katipamula  Jerry Kettler  Essam Khalil  Dennis Knight  Jay Kohler  Larry Kouma  Cesar Lim  Jim Lutz  Karl Peterman  Erick Phelps  Dave Robin  Lawrence Schoen  Steven Sill  Richard Swierczyna  Christian Taber  Rusty Tharp  Theresa Weston  Craig Wray  Jaap Hogeling, *BOD ExO*  William McQuade, *CO* | **Members Not Present**  Els Baert  Douglas Fick  **Staff Present**  Connor Barbaree, *Sr MOS*  Susan LeBlanc, *SA*  Tanisha Meyers-Lisle, *PA*  Ryan Shanley, *MOS-I*  **Guests Present**  Shannon Corcoran  David Delaquila  Don Denton  Drake Erbe  Tim McGinn  William McQuade  Larry Smith  Wayne Stoppelmoor  Adrienne Thomle  Ian Walker |

# 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 Dru Crawley provided an update on items discussed by Standards ExCom, and a reminder that nominations for the Standards Achievement Award are being accepted.

# 4. BOD Officials’ Report

Board ExO, Jaap Hogeling and Board CO, Dennis Knight, thanked Standards Committee members for their service.

# 5. SR. MOS Report

Mr. Connor Barbaree reported there are no new appeals or Complaints of Action/Inaction and noted there were minor changes to the ILS/ISAS roster.

# 6. Approval of Minutes

It was moved by Dennis Knight and seconded by Jonathan Humble:

**1** That the StdC Virtual 2020 Annual Meeting Minutes and July 31, 2020 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 Craig Wray and seconded by Dennis Knight:

**2** That BSR/ASHRAE Addendum *a* to ANSI/ASHRAE Standard 62.2-2019 [formerly 62.2a-2016], *Ventilation and Acceptable Indoor Air Quality*, be reconsidered and approved for publication.

**MOTION PASSED.** 14-9[[2]](#footnote-2)-1[[3]](#footnote-3) CNV

It was moved by Susanna Hanson and seconded by Larry Kouma:

**3** That BSR/ASHRAE/IES Addendum *cr* to ANSI/ASHRAE/IES Standard 90.1-2019, *Standard for Buildings Except Low-Rise Residential Buildings*, be approved for publication.

**MOTION PASSED.** 21-0 3[[4]](#footnote-4),CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**4** That BSR/ASHRAE/ASHE Addendum *d* to ANSI/ASHRAE/ASHE Standard 170-2017, *Ventilation of Health Care Facilities,* be approved for publication.

**MOTION PASSED.** 24-0-0, CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**5** That BSR/ASHRAE/ASHE Addendum *e* to ANSI/ASHRAE/ASHE Standard 170-2017, *Ventilation of Health Care Facilities,* be approved for publication.

**MOTION PASSED.** 24-0-0, CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**6** That BSR/ASHRAE/ASHE Addendum *j* to ANSI/ASHRAE/ASHE Standard 170-2017, *Ventilation of Health Care Facilities,* be approved for publication.

**MOTION PASSED.** 24-0-0, CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**7** That BSR/ASHRAE/ASHE Addendum *L* to ANSI/ASHRAE/ASHE Standard 170-2017, *Ventilation of Health Care Facilities,* be approved for publication.

**MOTION PASSED.** 24-0-0, CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**8** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *bj* 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 3[[5]](#footnote-5)CNV

It was moved by Susanna Hanson and seconded by Craig Wray

**9** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *bo* 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 Craig Wray

**10** That BSR/ANSI/ASHRAE/ICC/USGBC/IES Addendum *br* 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.** 22-1[[7]](#footnote-7)-2[[8]](#footnote-8), CNV

# 9. SPLS Report

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

It was moved by Susanna Hanson:

**11** That proposed changes to the TPS for Standard 41.6-2014R, *Standard Methods for Humidity Measurement*, be approved.

**MOTION PASSED.**  23-0-1[[9]](#footnote-9), CNV

It was moved by Susanna Hanson:

**12** That proposed changes to the TPS for Standard 30, *Method of Testing Liquid Chillers*, be approved.

**MOTION PASSED.** 24-0-0, CNV

It was moved by Susanna Hanson:

**13** That proposed changes to the TPS for Standard 118.2, *Method of Testing for Rating Residential Water Heaters and Residential-Duty Commercial Water Heaters*, be approved.

**MOTION PASSED.**  21-2[[10]](#footnote-10)-1[[11]](#footnote-11), CNV

It was moved by Susanna Hanson:

**14** That Standard 15.2P, *Safety Standard for Refrigeration Systems in Residential Applications,* be placed on continuous maintenance upon publication.

**MOTION PASSED.** 22-0-2[[12]](#footnote-12) CNV

It was moved by Susanna Hanson:

**15** That Standard 127-2012R, *Method of Testing for Rating Air Conditioning Units Serving Data Center (DC) and Other Information Technology Equipment (ITE) Spaces*, be placed on continuous maintenance upon publication and that a standing project committee be formed.

**MOTION PASSED.** 24-0-0 CNV

# 10. PPIS

The PPIS Report was presented by PPIS Chair, Robert Burkhead. There were no motions for StdC approval. For more information regarding this report please see [Attachment B](#AttB).

# 11. SRS

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

It was moved by Rick Heiden:

**21** That ANSI/ASHRAE Standard 16-2016, *Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating* Capacity, be approved for revision and that a revision project committee be formed.

**MOTION PASSED.**  24-0-0, CNV

It was moved by Rick Heiden:

**22** That ASHRAE Guideline 6-2015, *Refrigerant Information Recommended for Product Development and Standards*, be approved for revision and that a revision project committee be formed.

**MOTION PASSED.**  24-0-0, CNV

# 12. CIS

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

# 13. ILS/ISAS

ILS/ISAS Chair, Drake Erbe, provided a brief update on ILS/ISAS activities noting there has not been a meeting due to quorum issues. ILS/ISAS plans to meet soon and will have a report to present in January.

# 14. Strategic Plan and MBOs

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

**15. New Business**

None.

# 16. Next Meeting/Closing Items

Next Meetings:

• ASHRAE 2021 Virtual Winter Meeting - January 27, 2021

# 17. Adjournment

The Standards Committee meeting adjourned at approximately 2:45 pm ET.

# 18. Attachments

Attachment A



Attachment B



Attachment C



Attachment D



Attachment E



1. Jim Lutz abstained because he was not present. [↑](#footnote-ref-1)
2. Susanna Hanson, Jonathan Humble, Jerry Kettler, Larry Kouma, Cesar Lim, Karl Peterman, Erick Phelps, Richard Swierczyna, and Rusty Tharp voted no for reasons given below:

   Susanna Hanson voted no stating, “No new materials were shared with SPLS committee regarding this original 62.2a. It was neither on our agenda nor discussed at the October SPLS meeting, so we were unprepared for this vote at Standards Committee. For our SPLS August call, we were provided a compromise proposal for unvented gas appliances, addendum 62.2c, which passed the 62.2 committee 20-6-3. Instead of any discussion on it at SPLS, it was immediately tabled. This was a mistake on my part as SPLS chair. The only discussion was on the motion to table, when Max Sherman and SPLS-62.2 liaison Karl Peterman said that new technical information had come to light since the 62.2c vote that invalidated the compromise proposal, and it was said this flaw also applied to the original 62.2a, and 62.2 was continuing to work on it. No additional information or material has been provided to SPLS or Standards committee – we don’t know the process by which 62.2c died or if it has. I have reason to suspect procedural and dominance issues based on the few emails I have seen since August. For example, after the conclusion of the 62.2c continuation letter ballot, new 62.2 committee motions and seconds were flying around in a flurry of emails. Max Sherman was unable to move to reconsider 62.2c at 62.2, because he ultimately abstained on the 20-6-3 vote. Second, since Kansas City we have two new batches of members in both Standards and SPLS and also on the board. It is bad precedent that if something is denied it can recycle as-is infinitely, awaiting a different committee composition, invitations/notifications to fewer affected parties, etc. This is literally my third negative vote on the same addendum. Thirdly – there is obviously room for consensus and resolution of objections as shown by 62.2c. If there is a “minor” flaw that’s OK for 62.2a, then it should be either fixed in 62.2c or also dismissed as unimportant so that 62.2c can proceed. This so-called flaw was a ruse by a couple of members of the minority to pull back the work of the 62.2 committee – the only work that I have seen so far in five+ years that appeared to be a good faith effort to resolve commenters, rather than document their efforts to not resolve them.

   Jonathan Humble voted no stating, “When Robert’s Rules of Order established the reconsideration option it was designed to be made within a limited time after the original action by a Committee. This was not the case at this meeting as the motion was made months after the full Committee vote on this same subject earlier in 2020. In addition, this motion should not have been brought to Standards Committee without a report by SSPC 62.2 indicating that they had reviewed and addressed the ASHRAE Standards Committee Ad-Hoc Compromise Committee conclusions from the March 17, 2020 and April 3, 2020 meetings and the subsequent letter that was generated by the Ad-Hoc Committee from those meetings. Within the Ad-Hoc Committee letter it stated: “…Therefore, if SSPC 62.2 would like to move forward with the compromise draft proposal, the Ad-Hoc committee recommends that SSPC 62.2 consider the development of a new addendum for publication/public review….” No such report by SSPC 62.2 indicating that the compromise options were considered was included with the re-submission to the ASHRAE Standards Committee. Therefore, I made my decision on this vote based on face value of what was brought before the Standards Committee for consideration at this meeting.”

   Jerry Kettler voted no stating, “My no vote on the publication of 62.2a was based on not understanding the actual disagreement, which apparently still exists, and the possibility that another change exists that could solve the differences. We should not be publishing a changed standard that will probably be changed again for a similar reason. Too many things are unknown.”

   Larry Kouma voted no stating, “During the investigations by the SPLS committee, there was evidence that there were process discipline gaps in perceived good faith responses by the committee, as well as a gap of any effort by the chair or designated committee members to reach out to the commenters to engage with efforts consistent with our consensus standards process.”

   Cesar Lim voted no stating, “The necessary correction was not acted upon.”

   Karl Peterman voted not stating,” I voted no on the motion based on my understanding that the same rationale that was used by the committee to discontinue another addendum should have been applied to this addendum as well but was not. It appears to me that the committee is not following due process to give equal consideration to technical details that were raised. The addendum a package that was brought to us today for reconsideration was no different from the one that was approved before (over a year ago?) and did not include the recent discussions that exposed technical shortcomings in the addendum as originally presented. It also remains problematic in that industry concerns do not appear to have been adequately considered in the previous effort – something that was brought to light in subsequent efforts we (StdC) undertook to help create a compromise addendum proposal. The compromise proposal is similar to Addendum a, but has been coordinated with industry. As I understood in the 62.2 meeting where a minor technical issue was raised regarding a math error in that compromise proposal, the proposal only needed to be slightly tweaked or modified to address the issue – and still maintain industry agreement. In my opinion, the committee did not fully understand the motion to discontinue the compromise addendum because the committee seemed to think they were just pausing the approval process (it was coming before SPLS for approval to go out for public review) to bring it back and fix the issue – not kill it. I think the committee was expecting to continue working on it. I believe it is a mistake to forward (again) a problematic addendum to the Board for approval when there are issues that have not been resolved. It would have been far better for the committee to finalize the compromise proposal as an addendum and send that through the public review process. I would suggest the Board take a very close look at all the supporting material and see if the responses to the objectors received adequate consideration because that will be the basis for the inevitable appeal that will come from industry. I would also ask the 62.2 committee to explain themselves on why the same rationale for discontinuing the compromise proposal was not applied to Addendum a – which by the same reasoning should also have been discontinued.”

   Erick Phelps voted no stating, “I am voting no for approval to publish 62.2 Addenda a because the committee did not adequately address the commenters. A subcommittee was formed to come to a compromise and my understanding is that those discussions resulted in addenda c which is currently being written.”

   Richard Swierczyna voted no stating, “The reason I voted no was because members of the ad hoc task group claim that due process was not followed.”

   Rusty Tharp voted no stating, “Rusty voted no because the prior agreement, from the June 2020 Standards committee meeting, was that there would be a revision made. Also, the subgroup of StdC led by Wayne identified what they determined to be inadequate following of due process.” [↑](#footnote-ref-2)
3. Jim Lutz abstained stating, “I abstained because I wasn't able to decide which of the conflicting claims about whether the correct process had or had not been followed. I think my difficulty in deciding supports the importance of the MBOs 2.2 and 2.3.” [↑](#footnote-ref-3)
4. Jonathan Humble abstained because he is a member of the SSPC, Craig Wray and Christian Taber abstained because they are recent past members of the SSPC. [↑](#footnote-ref-4)
5. Jonathan Humble abstained because he is a member of the SSPC, Christian Taber abstained because he is a recent past member of the SSPC. Larry Schoen abstained because he does work for 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. 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-7)
8. Mike Woodford and Christian Taber abstained. [↑](#footnote-ref-8)
9. Jim Lutz abstained because he is a member of the SPC [↑](#footnote-ref-9)
10. Craig Wray and Larry Kouma voted no because they felt the language was not clear. [↑](#footnote-ref-10)
11. Jim Lutz abstained because he is a member of the SPC. [↑](#footnote-ref-11)
12. Jay Kohler and Rusty Tharp abstained because they are members of the cognizant SSPC. [↑](#footnote-ref-12)