

**Standards Project Liaison Subcommittee   
(SPLS)**

MINUTES

**September 4, 2018**

*These are not the official minutes until approved by SPLS*

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**SPLS** **Action Items**

**As of September 4, 2018**

Updates noted in red

|  |  |  |  |
| --- | --- | --- | --- |
| September Fall Conference Call | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
|  |  |  |  |

# Call to Order/Chair’s Report/Introductions

## 

## Call to Order/Chair’s Report

The SPLS Fall Conference Call was called to order on September 4, 2018 at approximately 12:00 pm ET. Chair Dru Crawley welcomed members and guests and reviewed the ASHRAE Code of Ethics. The following members, guests and staff were in attendance:

## Introductions

Chair Roger Hedrick welcomed members and guests and reviewed the ASHRAE Code of Ethics. The following members, guests and staff were in attendance:

|  |  |
| --- | --- |
| **Members Present**  Drury Crawley, *Chair*  Chip Barnaby  Julie Ferguson  Michael Gallagher  Walter Grondzik  Larry Kouma  Karl Peterman  Erick Phelps  Dave Robin  Larry Schoen  Richard Swierczyna  Adrienne Thomle  Craig Wray | **Members Not Present**  Susanna Hanson  Lee Millies  Rusty Tharp    **Staff**  Steve Ferguson, *Sr. MOS*  Susan LeBlanc, *SA*  Ryan Shanley, *AMOS SA*  **Guests**  Hoy Bohanon |

# Approval of Minutes

It was moved by Dru Crawley and seconded by Peter Simmonds:

**1** That the SPLS Chicago Winter Meeting and Spring 2018 Conference Call Minutes be approved by consent agenda.

**MOTION PASSED. 10-0-0 CNV**

# Action items

SPLS reviewed the [action items](#SPLS_Action_Items) as noted above.

# Public Review Drafts

It was moved by Dru Crawley and seconded by Walter Grondzik:

**2** That the following items*,* be approved by consent agenda for publication public review:

1. BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard SSPC 15-2016, *Safety Standard for Refrigeration Systems*
2. BSR/ASHRAE/IES Addendum *z* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
3. BSR/ASHRAE/IES Addendum *ai* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
4. BSR/ASHRAE/IES Addendum *an* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
5. BSR/ASHRAE/IES Addendum *ao* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
6. BSR/ASHRAE/IES Addendum *ap* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
7. BSR/ASHRAE/IES Addendum *aq* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
8. BSR/ASHRAE/IES Addendum *ar* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

**MOTION PASSED. 10-0-0 CNV**

It was moved by Dru Crawley and seconded by Mike Gallagher:

**3** That BSR/ASHRAE Addendum *p* to ANSI/ASHRAE Standard 34-2016, *Designation and Safety Classification of Refrigerants,* be approved for publication public review.

**MOTION PASSED. 10-0-0 CNV**

It was moved by Dru Crawley and seconded by Walter Grondzik:

**4** That BSR/ASHRAE/IES Addendum *m* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings,* be approved for publication public review.

**MOTION PASSED. 10-0-0 CNV**

It was moved by Dru Crawley and seconded by Mike Gallagher:

**5** That BSR/ASHRAE/IES Addendum *as* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

**MOTION PASSED. 10-0-0 CNV**

It was moved by Walter Grondzik and seconded by Mike Gallagher:

**6** That the following items*,* be approved by consent agenda for publication public review:

1. BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *f* to BSR/ANSI/ASHRAE/ USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings*
2. BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *h* to BSR/ANSI/ASHRAE/USGBC/ IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings*

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

It was moved by Walter Grondzik and seconded by Peter Simmonds:

**7** That BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *g* to BSR/ANSI/ASHRAE/USGBC/ IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings,* be approved for publication public review.

**MOTION PASSED. 9-0-1[[2]](#footnote-2) CNV**

It was moved by and Karl Peterman and seconded by Walter Grondzik:

**8** That BSR/ASHRAE Addendum *ac* to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality,* be approved for publication public review.

**MOTION PASSED. 9-0-1[[3]](#footnote-3) CNV**

It was moved by and Karl Peterman and seconded by Walter Grondzik:

**9** That BSR/ASHRAE Addendum *x* to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality,* be approved for publication public review.

**MOTION PASSED. 9-0-1[[4]](#footnote-4) CNV**

*Secretary’s note: agenda item r (62.1aa) was moved to the Tuesday agenda because to new material will be available.*

It was moved by and Karl Peterman and seconded by Mike Gallagher:

**10** That BSR/ASHRAE Addendum *ab* to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality,* be approved for publication public review.

**MOTION PASSED. 9-0-1[[5]](#footnote-5) CNV**

It was moved by and Karl Peterman and seconded by Walter Grondzik:

**11** That BSR/ASHRAE Addendum *ad* to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality,* be approved for publication public review.

**MOTION PASSED. 9-0-1[[6]](#footnote-6) CNV**

# Proposed TPS Changes

It was moved by Karl Peterman and seconded by Peter Simmonds:

**12** That the proposed TPS for Guideline 0, *The Commissioning Process,* be approved as presented.

**MOTION PASSED.** 8-0-1[[7]](#footnote-7) CNV

# Membership Roster Changes

It was moved by Dru Crawley and seconded by Mike Gallagher:

**13** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SGPC 10, *Interactions Affecting the Achievement of Acceptable Indoor Environments*
2. SSPC 15, *Safety Standard for Refrigeration Systems*
3. SSPC 34, *Designation and Safety Classification of Refrigerants*
4. SSPC 90.2, *Energy Efficient Design of Low-Rise Residential Buildings*
5. SSPC 135, *BACnet - A Data Communication Protocol for Building Automation and Control Networks*

**MOTION PASSED.** 9-0-1[[8]](#footnote-8) CNV

It was moved by Erick Phelps and seconded by Dru Crawley:

**14** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. GPC 36, *High Performance Sequences of Operation for HVAC Systems*
2. SPC 198, *Method of Testing for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency*
3. SPC 204, *Method of Test for Rating Micro Combined Heat*
4. SPC 220, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Mike Gallagher and seconded by Dru Crawley:

**15** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SPC 84, *Method of Testing Air-to-Air Heat/Energy Exchangers*
2. SPC 97*, Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use Within Refrigerant Systems*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Walter Grondzik and seconded by Mike Gallagher:

**16** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SSPC 52.2, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*
2. SSPC 169, *Climatic Data for Building Design Standards*
3. SSPC 188, *Legionellosis: Risk Management for Building Water Systems*
4. SSPC 189.1, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Peter Simmonds and seconded by Mike Gallagher:

**17** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SSPC 72, *Method of Testing Open and Closed Commercial Refrigerators and* *Freezers*
2. SPC 205, *Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Susanna Hanson and seconded by Dru Crawley:

**18** That interest categories for SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems,* as shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 9-0-0 CNV

It was moved by Susanna Hanson and seconded by Dru Crawley:

**19** That revisions to the membership roster for SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems,* asshownin [Attachment A](#Atta), be approved.

**MOTION PASSED.** 9-0-0 CNV

It was moved by Susanna Hanson and seconded by Mike Gallagher:

**20** That revisions to the membership roster for SSPC 300, *Commissioning,* as shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 8-0-1[[9]](#footnote-9) CNV

It was moved by Karl Peterman and seconded by Dru Crawley:

**21** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SGPC 13, Specifying Direct Digital Control Systems
2. SSPC 41, *Standard Methods of Measurement*
3. SSPC 55, *Thermal Environmental Conditions for Human Occupancy*
4. SSPC 62.1, *Ventilation for Acceptable Indoor Air Quality*
5. SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*
6. SSPC 161, *Air Quality Within Commercial Aircraft*
7. SSPC 170, *Ventilation of Health Care Facilities*

**MOTION PASSED.** 8-0-1[[10]](#footnote-10) CNV

It was moved by Erick Phelps and seconded by Mike Gallagher:

**22** That revisions to the membership rosters for the following committees as shown in [Attachment A](#Atta), be approved by consent agenda:

1. SPC 37, *Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment*
2. SPC 210, *Method of Testing for Rating Commercial Walk-in Refrigerators and Freezers*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Dave Robin and seconded by Mike Gallagher:

**23** That revisions to the membership rosters for the following committees as shown in [Attachment A](#Atta), be approved by consent agenda:

1. SPC 30, *Methods of Testing Liquid Chilling Packages*
2. SPC 146, *Methods of Testing and Rating Pool Heaters*

**MOTION PASSED.** 9-0-0 CNV

It was moved by Peter Simmonds and seconded by Mike Gallagher:

**24** That revisions to the membership rosters for the following committees as shown in [Attachment A](#Atta), be approved by consent agenda:

1. SPC 23.2, *Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants*
2. SPC 224, *Standard for the Application of Building Information Modeling*

**MOTION PASSED.** 9-0-0 CNV

1. **Recess**

The meeting recessed at approximately 6:00 pm CT.

1. **Call to Order**

**Call to Order/Chair’s Report**

The Standards Project Liaison Subcommittee (SPLS) meeting reconvened on Tuesday, June 26,2018 at 2:00 p.m. CT room 335C of the Hilton of the Americas hotel.

**Introductions**

Chair Roger Hedrick greeted members and guests. The following members and guests were in attendance:

|  |  |
| --- | --- |
| **Members**  Roger L Hedrick, Chair  Drury B Crawley  Michael W Gallagher  Walter T Grondzik  Susanna S Hanson  Srinivas Katipamula  Larry Kuoma  Lee Millies  Karl L Peterman  Erick A Phelps  David Robin  Peter Simmonds  Richard T Swierczyna | **Members Not Present**  Julie M. Ferguson  Vinod P. Gupta  **Staff**  Susan LeBlanc, *SA*  **Guests**  Chip Barnaby  Steve Emmerich  Rick Hall  Mackenzie Sutter  Rusty Tharp  Bill Walter  Tom Watson  Craig Wray |

# Public Review Drafts

It was moved by Dru Crawley and seconded by Srinivas Katipamula:

**25** That BSR/ASHRAE Addendum *h* to ANSI/ASHRAE Standard SSPC 15-2016, *Safety Standard for Refrigeration Systems,* be approved for publication public review.

**MOTION PASSED.** 10-0-0 CNV

It was moved by Karl Peterman and seconded by Mike Gallagher:

**26** That BSR/ASHRAE Addendum *aa* to ANSI/ASHRAE Standard 62.1-2016, *Ventilation for Acceptable Indoor Air Quality,* be approved for publication public review.

**MOTION PASSED.** 9-1[[11]](#footnote-11) -3[[12]](#footnote-12) CV

# Membership

It was moved by Dru Crawley and seconded by Larry Kouma:

**27** That revisions to the membership roster for SSPC 90.1, *Energy Standard for Buildings Except Low-Rise Residential Buildings,* as shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 12-0-0 CNV

It was moved by Larry Kouma and seconded by Dru Crawley:

**28** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SSPC 90.4, *Energy Standard for Data Centers and Telecommunications Buildings*
2. SSPC 100, *Energy Efficiency in Existing Buildings*
3. SSPC 145, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices*
4. SSPC 154, *Ventilation for Commercial Cooking Operations*
5. SSPC 160, *Criteria for Moisture-Control Design Analysis in Buildings*

**MOTION PASSED.** 11-0-1[[13]](#footnote-13) CNV

It was moved by Larry Kouma and seconded by Dru Crawley:

**29** That revisions to the membership roster for SSPC 140, *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs,* asshownin [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-1[[14]](#footnote-14) CNV

It was moved by Lee Millies and seconded by Dru Crawley:

**30** That revisions to the membership roster for GPC 35, *Method for Determining the Energy Consumption Caused By Air-Cleaning and Filtration Devices,* asshownin [Attachment A](#Atta), be approved.

**MOTION PASSED.** 12-0-0 CNV

It was moved by Richard Swierczyna and seconded by Larry Kouma:

**31** That revisions to the membership rosters for the following committees as shown in [Attachment A](#AttA), be approved by consent agenda:

1. SPC 182, *Method of Testing Absorption Water-Chilling and Water Heating Packages*
2. SPC 184, *Method of Test for Field Performance of Liquid-Chilling Packages*
3. SPC 213, *Method for Calculating Moist Air Thermodynamic Properties*

**MOTION PASSED.** 12-0-0 CNV

It was moved by Lee Millies and seconded by Dru Crawley:

**32** That revisions to the membership roster for SPC 105, Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas*,* asshownin [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-1[[15]](#footnote-15) CNV

# New or Unfinished Business

It was moved by Dru Crawley and seconded by Mike Gallagher:

**33** That ASHRAE support and endorse the efforts by ISO TC 86/SC 8 to evaluate the differences between ISO 817 and ASHRAE Standard 34 and to submit proposals to ISO and ASHRAE to change each standard in to order to converge the requirements.

**MOTION PASSED.** 10-1[[16]](#footnote-16)-0 CNV

It was moved by Roger Hedrick and seconded by Mike Gallagher:

**34** That ASHRAE support efforts to develop a process to achieve convergence between the ISO 817 and ASHRAE 34 standards requirements.

**MOTION PASSED.** 8-1[[17]](#footnote-17)-1[[18]](#footnote-18) CNV

1. **Next Meetings**

* SPLS (Special Call – 90.1 addenda) after July 25, 2018 (7/26-7/31)
* Summer 2018 Conference Call – August TBD
* ASHRAE Fall Meeting – Sept./Oct. TBD
* SPLS (Special Call– 90.1 addenda) week of October 29, 2018
* SPLS (Special Call– 90.1 addenda) First Week of February, 2019

1. **Adjournment**

The SPLS Houston Annual Meeting adjourned at approximately 4:00 pm CT.

Attachment A



1. Dru Crawley abstained because he is a member of the SSPC. [↑](#footnote-ref-1)
2. Dru Crawley abstained because he is a member of the SSPC. [↑](#footnote-ref-2)
3. Peter Simmonds abstained because he is a member of the SSPC. [↑](#footnote-ref-3)
4. Peter Simmonds abstained because he is a member of the SSPC. [↑](#footnote-ref-4)
5. Peter Simmonds abstained because he is a member of the SSPC. [↑](#footnote-ref-5)
6. Peter Simmonds abstained because he is a member of the SSPC. [↑](#footnote-ref-6)
7. Walter Grondzik abstained because is a member of the SSPC. [↑](#footnote-ref-7)
8. Dave Robin abstained because he is a member of SSPC 135. [↑](#footnote-ref-8)
9. Walter Grondzik abstained because he is a member of the SSPC. [↑](#footnote-ref-9)
10. Peter Simmonds abstained because he is a member of SSPC 62.1. [↑](#footnote-ref-10)
11. Richard Swierczyna voted no stating, “Regarding my reason for No vote on Addendum to 62.1 DA-68, “a language change to mandatory requirements imply a substantive change (that resulted in two No votes changed) and Public Review”” [↑](#footnote-ref-11)
12. Peter Simmonds abstained because he is a member of the SSPC. Susanna Hanson and Roger Hedrick abstained. [↑](#footnote-ref-12)
13. Richard Swierczyna abstained because he is a member of SSPC 154. [↑](#footnote-ref-13)
14. Dru Crawley abstained because he is a member of the SSPC. [↑](#footnote-ref-14)
15. Dru Crawley abstained because he is a member of the SPC. [↑](#footnote-ref-15)
16. Susanna Hanson voted no stating:

    *I voted no because ANSI interaction with ISO (like we did for BACnet) is the better way to approach this.  
    The proponents say the reason that ISO won’t work with ASHRAE is because ASHRAE is not a recognized international standards writing organization. We have the process, we have the precedent, it was successful, we need to follow it.*

    *It was said at the Foundation meeting that this effort and funding was necessary to “save” 34.   
    I believe the opposite is more likely – that this would result in the end of ASHRAE involvement and process in refrigerant classification – bureaucrats will be doing the work, without the same technically rigorous process of reviewing applications (changing the standard to provide clarity, when necessary) and public review will not happen like it does within the ASHRAE process. Members will be disenfranchised. The ISO process will not follow the SPLS process of approving membership, achieving balance, etc.  Why should SPLS and Standards endorse giving away oversight?*

    *I do not believe the proponents are being honest about the consequences of inaction beyond what is already being done today.   
    It is said that having two standards “costs millions of dollars!” Is that counting all areas where manufacturers have to meet more than one Standard? Where does the desire to merge worldwide standards end? Flammability testing costs perhaps $25,000. What about the cost of participation on both committees? Experts for ISO 817 are already traveling to ASHRAE meetings for other reasons and the refrigerant classification committees leverage the overlap to save a lot of money for participation. Mandatory sections of 34 have already been and will continue to be “converged” with ISO, and changes are regularly made when necessary. There is no issue preventing participation on both 34/817 because the experts are all here at ASHRAE for reasons beyond just this issue, anyway. Sending ASHRAE members to alternate locations at different meeting times wastes resources and limits participation. We wouldn’t need to talk about helping to fund participation in the second set of meetings. We had a hasty, undiscussed letter ballot in the last few weeks that was focused on using endowed Foundation monies to fund international travel for members (up to $500,000!) so that they could participate in ISO generally.*

    *The funding aspects mentioned in the background raise other issues that I cannot support.  
    “Funding passed through ASHRAE”, “ASHRAE fronting the money”, “Manufacturers pledging support” etc. – ASHRAE has just gone through a belt-tightening exercise and are running a ballooning operating deficit ($800K within a few years). Now the motion on the floor is to fund a supposedly impartial 3rd party consultant, paid by the anticipated comingled funds of manufacturers and chemical companies. I don’t see how the 3rd party could be impartial to who’s paying the bills, as it will be obvious once the lines of debate emerge. The only purpose that I can believe is worth the chicken little hurried scramble is preemptively conferring ASHRAE members’ agreement with the end result – due to the “funding” arrangement that is meant to mask the true source of support. I participate in Regional and Chapter activities, and we do many outreach, important things for Society AND society that may need to be cut. Will the pledged monies come through if the companies don’t get the results that they want?*  [↑](#footnote-ref-16)
17. Susanna Hanson voted no stating: “*I don’t be believe that this strongly worded motion is necessary to come through SPLS and then Standards and then Tech Council when the board specifically asked 34 for their stance. Why go through this tortuous process if not to capitalize on our naiveté of a very complex, multi-faceted issue with far reaching consequences, with no time for a proper consideration and testimony by affected parties – one could say it violates our own process. And I don’t believe it is appreciably different than motion 1. The SPLS floor rewrite of motion 1 served the same purpose as motion 2.* [↑](#footnote-ref-17)
18. Walter Grondzik abstained, stating: *“My reason for abstaining on Motion 2 regarding ISO/ASHRAE: I did not feel comfortable with the motion relative to its potential to exert influence on a PC; I did not vote no because the wording could be interpreted otherwise.”* [↑](#footnote-ref-18)