

**Standards Project Liaison Subcommittee   
(SPLS)**

MINUTES

**ASHRAE Chicago Winter Meeting**

**January 19 and 23, 2018**

*Approved by SPLS*

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**SPLS** **Action Items**

**As of January 23, 2018**

Updates noted in red

|  |  |  |  |
| --- | --- | --- | --- |
| Chicago January 2018 | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
| 1 | An action item was assigned to Peter Simmonds to notify the Chair of SPC 63.1 that StdC voted to disband the PC due to lack of activity. | Simmonds | Closed |
| Fall 2017 | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
| 2 | Chair Roger Hedrick agreed to discuss the need for, and intent of, PASA 7.8.1, Project Discontinuation Due to Lack of Membership, when PC waivers to this procedure are customarily requested and granted with Steve Ferguson and determine if PASA requirements should be amended, or if waivers should continue to be granted. | Hedrick | Closed |
| 3 | SPLS discussed its desire to review PC responses to unsupportive commenters prior to publication approval. Karl Peterman accepted an action item to draft recommended PASA language changes. | Peterman | Closed |
| Long Beach – June 2017 | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
| 1 | Action item for Vin Gupta to work with the chair of SPC 195 to achieve a balanced PC by January 2018  *New PCVM-General added during October meeting. PC remains out of balance with 4/7 Producers*  Not here – ongoing | Gupta | Complete |
| 2 | Action item for Susanna Hanson to work with the chair of 147 to get a full committee in place.  PC has 3 PCVMs  Cognizant TC chair will ask for members this meeting remains open | Hanson | Open |
| Orlando, January 2016 | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
| 2 | Julie Ferguson to work with Chair of SPC 208 to get a full PC.  Ongoing – PC has 3/5 PCVMs General | Ferguson | Closed |
| Tech Weekend, October 2015 | | | |
| **AI#** | **Action** | **Assigned To** | **Status** |
| 2 | An action item was assigned to Richard Swierczyna to work with the Chair of SPC 28 to get the committee in balance. New PC working with Chair.  Still trying to get 2 producers (has 4 General, 2 Producer PCVMs) Revision project authorized June 26, 2013 | Swierczyna | Closed |
| 3 | An action item was assigned to Richard Swierczyna to work with the Chair of SPC 182 to get a balanced committee – needs users.  One member will change status – ongoing  Committee approved January 28, 2015 3 PCVM Producers and 3 PCVM General interest | Swierczyna | Closed |

# Call to Order/Chair’s Report/Introductions

## 

## Call to Order/Chair’s Report

The Standards Project Liaison Subcommittee (SPLS) Winter Meeting was called to order at 2:00 p.m. CT on January 19, 2018, in the Burnham 4 room of the Chicago Palmer House.

## 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**  Roger L Hedrick, Chair  Drury B Crawley  Michael W Gallagher  Walter T Grondzik  Susanna S Hanson  Srinivas Katipamula  Larry Kouma  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**  Steve Emmerich  Rick Hall |

# Approval of Minutes

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

**1** That the SPLS Fall 2017 Meeting and November 16, 2017 Conference Call Minutes be approved by consent agenda and as amended to correct the spelling of Larry Kouma’s name.

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

# Action items

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

# Standards Achievement Award – Executive Session

Chair Hedrick called Executive Session to discuss the Standards Achievement Award nominees.

It was moved and seconded:

**2** That Gerald Kettler be awarded the Standards Achievement Award.

**MOTION PASSED.**

**END OF EXECUTIVE SESSION**

# Public Review Drafts

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

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

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

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

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

1. BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 188-2015, Legionellosis: Risk Management for Building Water Systems
2. BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *c* to BSR/ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings*
3. BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *d* to BSR/ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings*
4. BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *e* to BSR/ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017, *Standard for the Design of High-Performance Green Buildings*

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

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

**5** That BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *a* 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. 12-0-0 CNV**

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

**6** That BSR BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *b* 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. 12-0-0 CNV**

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

**7** That BSR/ANSI/ASHRAE/USGBC/IES/ICC Addendum *bm* 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. 12-0-0 CNV**

It was moved by Larry Kouma and seconded by Mike Gallagher:

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

1. BSR/ASHRAE Addendum *c* to ANSI/ASHRAE Standard 90.4-2016*, Energy Standard for Data Centers and Telecommunications Buildings*
2. BSR/ASHRAE Addendum *d* to ANSI/ASHRAE Standard 90.4-2016*, Energy Standard for Data Centers and Telecommunications Buildings*

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

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

**9** That BSR/ASHRAE Standard 41.9-2011R, *Standard Methods for Refrigerant Mass Flow Measurements Using Calorimeters,* be approved for publication public review.

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

# Proposed TPS Changes

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

**10** That the proposed TPS for Standard 41.1, *Standard Method for Temperature Measurement,* be approved as presented.

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

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

**11** That the proposed TPS for Standard 41.10, *Standard Methods for Refrigerant Mass Flow Measurement Using Flowmeters,* be approved as presented.

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

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

**12** That the proposed TPS for SPC 118.1, *Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment,* be approved as presented.

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

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

**13** That the proposed TPS for SPC 145.2, *Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices,* be approved as presented.

MOTION PASSED. 12-0-0 CNV

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

**14** That the proposed TPS for SSPC 170, *Ventilation of Health Care Facilities,* be approved as presented.

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

It was moved by Dave Robin and seconded by Walter Grondzik:

**15** That the proposed TPS for SPC 221, *Test Method to Field-Measure and Score the Operating Performance of an Installed Constant Volume Unitary HVAC System,* be approved as presented.

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

# Membership Roster Changes

It was moved by Dru Crawley and seconded by Julie Ferguson:

**16** 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 90.1, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
5. SSPC 72, *Method of Testing Open and Closed Commercial Refrigerators and Freezers*
6. SPC 195, *Method of Test for Rating Air Terminal Unit Controls*
7. SPC 205, *Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment*

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

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

**17** 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. GPC 41, *Design, Installation and Commissioning of Variable Refrigerant Flow Systems*
3. SPC 220, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers*

**MOTION PASSED.** 10-0-1[[2]](#footnote-2) CNV

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

**18** That revisions to the membership roster for SPC 84, *Method of Testing Air-to-Air Heat/Energy Exchangers,* as shown in [Attachment A](#AttA), be approved.

**MOTION PASSED.** 11-0-0 CNV

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

**19** That revisions to the membership roster for SSPC 188, *Legionellosis: Risk Management for Building Water Systems,* as shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 10-0-1[[3]](#footnote-3) CNV

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

**20** That revisions to the membership roster for SSPC 189.1, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings,* as shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 10-0-1[[4]](#footnote-4) CNV

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

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

**MOTION PASSED.** 10-0-1[[5]](#footnote-5) CNV

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

**22** That revisions to the membership roster for SPC 118.2, *Method of Testing for Rating Residential Water Heaters, as* shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

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

**23** That revisions to the membership roster for SSPC 100, *Energy Efficiency in Existing Buildings, as* shown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

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

**24** That revisions to the membership roster for SSPC 41, *Standard Methods of Measurement,* as corrected and shown in [Attachment A](#Atta), be approved.

*Secretary’s note: Rick Hall, Chair of SSPC 41, was in attendance and noted that he mistakenly listed Adam Michalson as PSVM on the Chair’s Recommendation form when it should have been PCVM.*

**MOTION PASSED.** 11-0-0 CNV

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

**25** That revisions to the membership roster for SSPC 62.1, *Ventilation for Acceptable Indoor Air Quality,* asshown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

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

**26** That revisions to the membership roster for SSPC 170, *Ventilation of Health Care Facilities,* asshown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

It was moved by Peter Simmonds and seconded by Susanna Hanson:

**27** That revisions to the membership roster for GPC 29, *Guideline for the Risk Management of Public Health and Safety in Buildings,* asshown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

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

**28** That revisions to the membership roster for SPC 224, *Standard for the Application of Building Information Modeling,* asshown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 11-0-0 CNV

It was moved by Richard Swierczyna and seconded by Peter Simmonds:

**29** That the interest categories for SPC 105*, Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions,* asshown in [Attachment A](#Atta), be approved.

**MOTION PASSED.** 10-0-1[[6]](#footnote-6) CNV

It was moved by Richard Swierczyna and seconded by Susanna Hanson:

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

1. SPC 28*, Methods of Testing Flow Capacity of Refrigerant Capillary Tubes*
2. SPC 105, *Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions*
3. SPC 182, *Method of Testing Absorption Water-Chilling and Water Heating Packages*

**MOTION PASSED.** 10-0-1[[7]](#footnote-7) CNV

# New Business

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

**30** That SPC 63.1-1995(RA 01), *Method of Testing Liquid Line Refrigerant Driers*, be disbanded effective immediately, due to lack of activity.

**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, January 23, 2018 at 2:00 p.m. CT in the Wilson room of Chicago Palmer House.

**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  Vinod P. Gupta  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  **Staff**  Steve Ferguson, *Sr. MOS*  Susan LeBlanc, *SA*  **Guests**  Jeffrey Inks |

# Public Review Drafts

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

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

1. BSR/ASHRAE/IES Addendum *o* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
2. BSR/ASHRAE/IES Addendum *x* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
3. BSR/ASHRAE/IES Addendum *ab* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
4. BSR/ASHRAE/IES Addendum *ac* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
5. BSR/ASHRAE/IES Addendum *ad* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
6. BSR/ASHRAE/IES Addendum *ae* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
7. BSR/ASHRAE/IES Addendum *af* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
8. BSR/ASHRAE/IES Addendum *ag* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
9. BSR/ASHRAE/IES Addendum *ah* to ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

**MOTION PASSED. 13-0-0 CNV**

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

**33** That BSR/ASHRAE/IES Addendum *g* 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. 13-0-0 CNV**

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

**34** That BSR/ASHRAE/IES Addendum *s* 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. 12-0-0 CNV**

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

**35** That BSR/ASHRAE/IES Addendum *y* 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. 13-0-0 CNV**

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

**36** That BSR/ASHRAE/IES Addendum *ai* 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. 13-0-0 CNV**

# New or Unfinished Business

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

**37** That Standard 30-2017,*Method of Testing Liquid Chillers,* be placed on Continuous Maintenance and that the existing committee become an SSPC

**MOTION PASSED. 13-0-0 CNV**

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

**38** That the proposed TPS for the proposed changes to the TPS for Standard xxx, *Standard for Restoration of Buildings Impacted by Combustion Particles*, be approved as modified and shown in [Attachment H](#AttH).

**MOTION PASSED. 13-0-0 CNV**

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

**39** That a motion to reconsider the January 19th SPLS motion to disband SPC 63.1-1995(RA 01), *Method of Testing Liquid Line Refrigerant Driers*, be disbanded effective immediately due to lack of activity, be approved

**MOTION FAILED. 0-11[[8]](#footnote-8)-0 CNV**

*An action item was assigned to Peter Simmonds to notify the Chair of SPC 63.1 that StdC voted to disband the PC due to lack of activity.*

*Secretary’s note: SRS to consider withdrawing Standard 63.1-1995(RA01) or proposing a new project, as initially recommended by StdC during its 1/20/18 meeting.*

1. **Next Meetings**

* March 2018 Conference Call - TBD
* ASHRAE Annual Meeting, Houston, June 23 and 27, 2018

1. **Adjournment**

The SPLS Winter Meeting adjourned at approximately 3:25 pm CT.

Attachment A



Attachment B



Attachment C



Attachment D



Attachment E



Attachment F



Attachment G



Attachment H



1. Walter Grondzik abstained because he is a member of SGPC 10 and Dru Crawley abstained because he is a member of SPC 205. [↑](#footnote-ref-1)
2. Srinivas Katipamula abstained because he is a member of GPC 36. [↑](#footnote-ref-2)
3. Lee Millies abstained because he is a member of SSPC 188. [↑](#footnote-ref-3)
4. Dru Crawley abstained because he is a member of SSPC 189.1. [↑](#footnote-ref-4)
5. Walter Grondzik abstained because he is a member of SSPC 189.1. [↑](#footnote-ref-5)
6. Dru Crawley abstained because he is a proposed member of SPC 105. [↑](#footnote-ref-6)
7. Dru Crawley abstained because he is a proposed member of SPC 105. [↑](#footnote-ref-7)
8. All SPLS members present voted no expressing no confidence in the existing committee to complete its revision to the standard. [↑](#footnote-ref-8)