



**STANDARDS PROJECT LIAISON SUBCOMMITTEE
(SPLS)**

MINUTES

**ASHRAE Winter Meeting:
January 30th, 2026 and February 3rd, 2026**

These are not the official minutes until approved by SPLS

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SPLS Action Items

As of Winter 2026,

Updates on February 3rd noted in red.

SPLS WINTER MEETING JANUARY/FEBRUARY 2026			
AI#	Action Item	Assigned	Status
1	Standards Harmonization Process. Make additional updates and revisions to the harmonization plan based on the 2025-Q4 PC feedback survey results and SPLS discussion in Las Vegas. Report back to SPLS at next meeting.	Phillip Johnson	Open
2	Create Decarb Working group of Five led by Drake Erbe. (Tucker, Watson Tharp, Johnson, Abdelaziz) See Item 18.	Drake Erbe	Open
3	Abdel Darwich and Ken Monroe to lead harmonization efforts for IEQ Standards and create a WG. See Item 18.	Abdel Darwich	Open
4	Staff to Create new SPLS Space on ONEHUB	Staff	Open
5	Staff to work on creating space for members to access TPS's	Staff	Open

**Standards Project Liaison Subcommittee
Winter Meeting,
January 30, 2025 &
February 3, 2026
MINUTES**

These are not the official minutes until approved by SPLS

1. Introductions and Review of Agenda

The SPLS meeting was called to order on January 30, 2025, at approximately 2:00 pm PST. Chair Hoy Bohanon welcomed members and guests and reviewed the ASHRAE Code of Ethics. The following members, guests and staff were in attendance:

Members Present

Hoy Bohanon, Chair
Omar Abdelaziz
Charles Barnaby
Abdel Darwich
Drake Erbe
William Healy
Phillip Johnson
Philip Naughton
Kathleen Owen
Rusty Tharp
Douglas Tucker
Thomas Watson
David Yuill

Members Not Present

Paul Lindahl Jr
Kenneth Monroe

Staff

Klaudette Spencer, *SAS*
Emily Toto, *SMOC*

Guests

Adrienne Thomle

2. Minutes

- 1 December SPLS minutes were approved during the meeting. (11-0-2)¹

3. Old Business

None currently.

4. Proposed TPS Changes

It was moved by Rusty Tharp and seconded by David Yuill:

- 1 That proposed changes to the TPS for Standard 244P, *Sustainability Assessment for Mechanical, Electrical, and Plumbing Products*, be approved as shown in [Attachment A](#).

MOTION FAILED. 0-11-2²

Discussion: The group discussed concerns about the TPS wording and scope. Rusty Tharp felt it was wordy but acceptable for now. Drake Erbe stressed that AHRI and ASHRAE need to coordinate, as related work is happening across multiple groups. Douglas Tucker suggested removing content after "MEP" saying it isn't needed for the standard. Hoy Bohannon noted that standards should use clear, common language. Phillip Johnson added that the scope must state what is excluded, especially if covered by other standards.

¹ Secretary's note: Thomas Watson and Phillip Johnson abstain due to absence.

² Secretary's note: Hoy Bohannon abstains as chair. Rusty Tharp abstains

It was moved by Tom Watson and seconded by William Healy:

- 2 That proposed changes to the TPS for Standard 90.2 (Addendum e), *High-Performance Energy Design of Residential Buildings*, be approved as shown in [Attachment B](#).

MOTION FAILED. 1-11-1³,

Discussion: The committee discussed whether IEQ definitions and provisions belong in a 90-series energy standard. Several members (Drake Erbe, Abdel Darwiche, Rusty Tharp, Douglas Tucker) opposed including IEQ language, arguing it expands the scope of an energy-focused standard, creates confusion, and risks “scope creep.” Some suggested IEQ elements should instead be placed in a stretch standard such as 189. Others acknowledged concerns but noted the proposed edits aim to correct legacy text from earlier editions and better coordinate with Standard 62.2. Questions were raised about whether these revisions could lead to additional IEQ requirements and whether harmonization with ventilation standards is appropriate. Overall, the discussion centered on scope alignment, appropriate placement of IEQ content, and whether the revisions support or undermine the intended purpose of the 90-series standards.

It was moved by Kathleen Owen and seconded by Douglas Tucker:

- 3 That proposed changes to the TPS for Guideline 11, *Field Testing of HVAC Controls Components*, be approved as shown in [Attachment C](#).

MOTION PASSED. 11-0-2⁴

5. Public Review Drafts

It was moved by Omar Abdelaziz and seconded by Rusty Tharp:

- 1 That BSR/ASHRAE Standard 128-2018R, *Methods of Rating Portable Air Conditioners*, be approved for publication public review

MOTION PASSED. 12-0-1⁵

It was moved by Rusty Tharp and seconded by William Healy:

- 2 That ANSI/ASHRAE/ICC/USGBC/IES Addendum ae to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2023, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings*, be approved for publication public review.

MOTION PASSED. 12-0-1⁶

6. Membership

It was moved by Omar Abdelaziz and seconded by David Yuill:

- 1 That revisions to the membership roster for SSPC 41, *Standard Methods for Measurements*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1⁷

³ Secretary's note: Hoy Bohannon abstains as chair.

⁴ Secretary's note: Hoy Bohannon abstained as chair.

⁵ Secretary's note: Hoy Bohannon abstained as chair.

⁶ Secretary's note: Hoy Bohannon abstained as chair.

⁷ Secretary's note: Hoy Bohannon abstained as chair.

Membership items were approved via consent agenda to include abstentions.

It was moved by Charles Barnaby and seconded by David Yuill:

- 2 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):
 - SGPC 13, *Specifying Building Automation Systems*
 - SSPC 135, *A Data Communication Protocol for Building Automation and Control Networks*
 - SSPC 140, *Method of Test for Evaluating Building Performance Simulation Software*
 - SSPC 169, *Climatic Data for Building Design Standards*

MOTION PASSED. 12-0-1⁸

It was moved by Charles Barnaby and seconded by David Yuill:

- 3 That revisions to the membership roster for SPC 236, *Method of Test for Control Programming Conformance with HVAC Sequences of Operation*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1⁹

Membership items were approved via consent agenda to include abstentions.

It was moved by Abdel Darwich and seconded by Omar Abdelaziz:

- 4 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):
 - SSPC55, *Thermal Environmental Conditions for Human Occupancy*
 - SSPC170, *Ventilation of Health Care Facilities*

MOTION PASSED. 12-0-1¹⁰

It was moved by Abdel Darwich and seconded by Omar Abdelaziz:

- 5 That revisions to the membership roster for SPC110, *Method of Testing Performance of Laboratory Fume Hoods*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1¹¹

It was moved by Drake Erbe and seconded by Tom Watson:

- 6 That revisions to the membership roster for SPC242, *Standard Method for Calculation of Building Operational Greenhouse Gas Emissions*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1¹²

⁸ Secretary's note: Hoy Bohanon abstained as chair.

⁹ Secretary's note: Hoy Bohanon abstained as chair.

¹⁰ Secretary's note: Hoy Bohanon abstained as chair.

¹¹ Secretary's note: Hoy Bohanon abstained as chair.

¹² Secretary's note: Hoy Bohanon abstained as chair.

Membership items were approved via consent agenda to include abstentions.

It was moved by William Healy and seconded by Tom Watson:

- 7 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- SSPC 30, *Method of Testing Liquid Chillers*
- SSPC 72, *Method of Testing Open and Closed Commercial Refrigerators and Freezers*

MOTION PASSED. 11-0-2¹³

It was moved by William Healy and seconded by Kathleen Owen:

- 8 That revisions to the membership roster for SPC 229, *Protocols for Evaluating Ruleset Application in Building Performance Models*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1

It was moved by William Healy and seconded by Kathleen Owen:

- 9 That revisions to the membership roster for SSPC127, *Method of Testing for Rating Cooling Equipment Serving Data Center (DC) and Other Information Technology Equipment (ITE) Spaces*, be approved as shown in [Attachment D](#):

MOTION PASSED. 11-0-2¹⁴

Membership items were approved via consent agenda to include abstentions.

It was moved by Hoy Bohanon and seconded by Rusty Tharp:

- 10 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- SPC 25, *Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration*
- SPC 196, *Method of Test for Measuring Refrigerant Leak Rates*

MOTION PASSED. 10-0-3¹⁵

It was moved by Hoy Bohanon and seconded by Rusty Tharp:

- 11 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- SGPC 44, *Protecting Building Occupants from Smoke During Wildfire and Prescribed Burn Events*

¹³ Secretary's note: Hoy Bohanon abstained as chair. Phillip Johnson abstains as member of SSPC 30.

¹⁴ Secretary's note: Hoy Bohanon abstained as chair. Phillip Johnson abstains.

¹⁵ Secretary's note: Hoy Bohanon abstained as chair. Phillip Johnson abstains. Omar Abdelaziz abstains. Committee members.

- SPC 220, *Method of Testing for Rating Small Commercial Blast Chillers, Chiller-Freezers, and Freezers*
- SSPC 62.1, *Ventilation and Acceptable Indoor Air Quality*
- SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*

MOTION PASSED. 10-0-2¹⁶

Membership items were approved via consent agenda to include abstentions.

It was moved by Phillip Naughton and seconded by Charles Barnaby:

- 12** That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- SGPC 41, *Design, Installation and Commissioning of Variable Refrigerant Flow (VRF) Systems*
- SSPC 300, *Commissioning*

MOTION PASSED. 10-0-3¹⁷

It was moved by Phillip Naughton seconded by Drake Erbe:

- 13** That revisions to the membership roster for SSPC 211, *Standard for Commercial Building Energy Audits and Decarbonization Assessments*, be approved as shown in [Attachment D](#)

MOTION PASSED. 12-0-1¹⁸

Membership items were approved via consent agenda to include abstentions.

It was moved by Kathleen Owen and seconded by Charles Barnaby:

- 14** That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- GPC 47, *Design, Installation and Commissioning of Central Domestic Electric Heat Pump Hot Water Systems in New Multifamily Buildings*
- SGPC 36, *High Performance Sequences of Operation for HVAC Systems*

MOTION PASSED. 12-0-1¹⁹

Membership items were approved via consent agenda to include abstentions.

It was moved by Rusty Tharp and seconded by Drake Erbe:

- 15** That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

¹⁶ *Secretary's note: Hoy Bohanon abstained as chair. Abdel Darwich abstains.*

¹⁷ *Secretary's note: Hoy Bohanon abstained as chair. Douglas Tucker abstains. Omar Abdelaziz abstains.*

¹⁸ *Secretary's note: Hoy Bohanon abstained as chair.*

¹⁹ *Secretary's note: Hoy Bohanon abstained as chair.*

- SPC 16, *Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating Capacity*
- SSPC 189.1, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings*

MOTION PASSED. 12-0-1²⁰

It was moved by Douglas Tucker seconded by Rusty Tharp:

- 16** That revisions to the membership roster for SPC 184, *Method of Test for Field Performance of Liquid Chilling Systems*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1²¹

It was moved by Douglas Tucker seconded by Rusty Tharp:

- 17** That revisions to the membership roster for SPC 243, *Safety Standard for Transportation Refrigerating Systems*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1²²

It was moved by Douglas Tucker seconded by David Yuill:

- 18** That revisions to the membership roster for SSPC 147, *Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems*, be approved as shown in [Attachment D](#):

MOTION PASSED. 12-0-1²³

Membership items were approved via consent agenda to include abstentions.

It was moved by Tom Watson and seconded by Drake Erbe:

- 19** That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- SSPC 90.1, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings*
- SSPC 90.4, *Energy Standard for Data Centers*
- SSPC 100, *Energy and Emissions Building Performance Standard for Existing Buildings*

MOTION PASSED. 9-0-3²⁴

Membership items were approved via consent agenda to include abstentions.

It was moved by David Yuill and seconded by Rusty Tharp:

²⁰ *Secretary's note: Hoy Bohanon abstained as chair.*

²¹ *Secretary's note: Hoy Bohanon abstained as chair.*

²² *Secretary's note: Hoy Bohanon abstained as chair.*

²³ *Secretary's note: Hoy Bohanon abstained as chair.*

²⁴ *Secretary's note: Hoy Bohanon abstained as chair. Drake Erbe and Douglas Tucker abstain.*

20 That revisions to the membership rosters for the following project committees be approved as shown in [Attachment D](#):

- GPC 37, *Guidelines for The Application of Upper-Air (Upper Room) Ultraviolet Germicidal (UV-C) Devices to Control the Transmission of Airborne Pathogens*
- SPC 234, *Method of Testing HVAC-Duct Mounted Devices and Systems and In-Room Devices for Particle and Microorganism Removal or Inactivation in a Chamber with a Recirculating Duct System*
- SSPC 145, *Test Method for Assessing the Performance of Gas-Phase Air Cleaning Equipment*
- SSPC 185, *Methods of Test to Inactivate Microorganisms in HVAC Systems with UV-C Lights*

MOTION PASSED. 11-0-2²⁵

7. New Business

1. Executive Session

- a. Standards Project Liaison Subcommittee (SPLS) recommends to Standards Committee (StdC) that Steve Emmerich be awarded the Standards Achievement Award as shown in [Attachment E](#).

8. Continuous Maintenance

None currently.

9. Liaison Reports

None currently.

10. Next Meeting/Closing Items

Next Meeting:

- SPLS will meet February 3, 2025, at approximately 2:00 pm PST.

11. Adjournment

The SPLS adjourned at 5:41PM PST.

²⁵ *Secretary's note: Hoy Bohanon abstained as chair. Kathleen Owen abstains.*

12. Introductions and Review of Agenda

The SPLS meeting was called to order on February 3, 2025, at approximately 2:00 pm PST. Chair Hoy Bohanon welcomed members and guests and reviewed the ASHRAE Code of Ethics. The following members, guests and staff were in attendance:

Members Present

Hoy Bohanon, Chair
Omar Abdelaziz
Charles Barnaby
Abdel Darwich
William Healy
Phillip Johnson
Kathleen Owen
Rusty Tharp
Douglas Tucker
Thomas Watson
David Yuill

Members Not Present

Drake Erbe
Paul Lindahl Jr
Kenneth Monroe
Philip Naughton

Staff

Klaudette Spencer, *SAS*
Emily Toto, *SMOC*

Guests

Adrienne Thomle
Steven Rosenstock

13 Minutes

December SPLS minutes were approved during the January 30th meeting.

14 Old Business

None.

15 Proposed TPS Changes

It was moved by Tom Watson and seconded by William Healy:

- 1 That proposed changes to the TPS for Standard 90.2 (Addendum e), *High-Performance Energy Design of Residential Buildings*, be approved as shown in [Attachment F](#).

MOTION PASSED. 8-1-2²⁶,

Discussion: During the SPLS meeting on January 30th alternative wording “while maintaining indoor environmental quality” was suggested as it better reflected the intent. The intent of the revised purpose and scope was to make it clear that any energy improvements should not degrade the IEQ.

SSPC-90.2 subsequently met and agreed with the wording suggested by the SPLS Committee. The revised version was approved by SPLS in the February 3rd meeting.

16 Public Review Drafts

None.

17 Membership

It was moved by Tom Watson and seconded by David Yuill:

- 2 That revisions to the membership roster for SSPC 90.2, *High-Performance Energy Design of Residential Buildings*, be approved as shown in [Attachment D](#):

²⁶ *Secretary’s note: Abdel Darwich opposed: energy standard should not cover IAQ. Hoy Bohannon abstains as chair. Omar Abdelaziz abstains: energy standard should not cover IAQ.*

MOTION PASSED. 10-0-1²⁷

18 New Business

- **Continuation of Harmonization Efforts Discussion:**

Phil Johnson reported updates to the SPLS Liaison workspace, noting new documents, and a cleaned-up version of the PC feedback file, with late entries placed in a separate document. He proposed simplifying the Standards Harmonization Plan by removing unnecessary intermediate steps, deleting outdated tables and summaries, and treating the document as a living resource. Phil proposes using spreadsheets to determine/confirm grouping and identify potential conflicts/opportunities. He also updated the standards spreadsheet but emphasized its incompleteness and the need for coordinated input from PCs. Discussion centered on refining the harmonization process—particularly focusing on decarbonization standards, forming a working group of liaisons, and developing a clear plan rather than revisiting historical material. Drake Erbe was appointed by consensus to lead the decarb working group, with extensive experience with multiple standards and international work. IEQ Standards are also an opportunity, and the appointed liaisons are Ken Monroe and Abdel Darwich. Action items include PJ sharing all materials and continued monthly status updates as work progresses. See link to SPLS Liaison Workspace:

<https://files.ashrae.org/workspaces/1433066/folders/2677824375>

- See [Attachment G](#) and [Attachment H](#).

19 Continuous Maintenance

None currently.

20 Liaison Reports

None currently.

21 Next Meeting/Closing Items

Next Meeting:

- Spring SPLS Meeting-TBD

22 Adjournment

The SPLS adjourned at 5:45PM PST.

13. Attachments

ATTACHMENT A



BSR-ASHRAE
Standard 244P-CSA

²⁷ *Secretary's note: Hoy Bohanon abstained as chair.*

ATTACHMENT B



90.2e
Proposed-Changes-

ATTACHMENT C



proposed-changes-
to-an-approved-tps-

ATTACHMENT D



2026_01 Winter
Meeting Liaison Mei

ATTACHMENT E



SPLS Executive
Session 1_30_26 Rej

ATTACHMENT F



90.2-2024e IEQ TPS
Change Rev2.docx

ATTACHMENT G



PCIV ad hoc WG
report 2025-02-08.pj

ATTACHMENT H



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