

AGENDA
SSPC 62.1 – Ventilation for Acceptable Indoor Air Quality
June 2017, Long Beach, CA

SSPC 62.1 and its subcommittees are scheduled to meet in the Renaissance as follows:

FRIDAY, June 23, 2017

All times are PDT

SSPC 62.1 IAQ Guideline Subcommittee

Friday (6/23) 8:00 am - 12:00 pm, Pike 2, 1st Floor

SSPC 62.1 Administration Subcommittee

Friday (6/23) 1:00 pm - 3:00 pm, Pike 1, 1st Floor

SSPC 62.1 Research and Education Subcommittee

Friday (6/23) 1:00 pm - 3:00 pm, Pike 2, 1st Floor

SSPC 62.1 Buildings, Systems and Equipment

Friday (6/23) 3:00 pm - 5:00 pm, Pike 1, 1st Floor

SSPC 62.1 Ventilation Subcommittee

Friday (6/23) 3:00 pm - 5:00 pm, Pike 2, 1st Floor

(Room assignments are subject to change. Please see the published program schedule when available.)

SATURDAY, June 24, 2017

SSPC 62.1 Ventilation for Acceptable Indoor Air Quality

Saturday (6/24) 8:00 am - 12:00 pm, Pike 3, 1st Floor

8:00 Call to Order

Bohanon

“Commitment to the ASHRAE Code of Ethics – In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics:

Introductions

Review of Agenda

Bohanon

Approval of Minutes: Approve the January 28-29, 2017 meeting minutes from Las Vegas, NV. (Posted on the Members Only section of the SSPC 62.1 website.)

Staff Report: Weber

Chair's Report: Bohanon

Committee Organizational Structure:

Voting Roster (23 PCVMs): Bohanon, Habibi, Aguilar (ASA), Berlin, Brown, Buttner, Damiano, Darwich, Doppel, Gress (ICC), Hafendorfer, Ho, Horner, Howard (SMACNA), Isenbeck, Muller, Petrillo-Groh or Helen Davis (AHRI), Sekhar, Smith, Stanke, Stewart, Thomann, and Wiley

Approval of Meeting Minutes: Approve the January 28-29, 2017 meeting minutes from Las Vegas, NV. Distributed on 4/10/2017.

Intervening Letter Ballots: The following is a list of the letter ballots that followed the St. Louis meeting in June 2016.

- WS-1780 – Letter ballot to approve Work Statement 1780, Test method to evaluate cross-contamination of gaseous contaminant within total energy recovery wheels. APPROVED.
- Approve the response to the request for an official interpretation of Standard 62.1-2013 from Trevor Uitvlugt. APPROVED.

Addenda Status (62.1-2016):

- [62.1a \(DA61 – Drain Pans\) – 1st PPR Closed October 2, 2016: 3 comments from 1 commenter.](#)
- [62.1b \(DA42 – Simplified VRP Alternate Method\) – 2nd PPR closed October 17, 2016: 7 comments from 2 commenters.](#)

Official Interpretation Requests:

- 62.1-2013 Trevor Uitvlugt (DCV and the use of CO₂ sensors in return air ductwork at the system level). COMPLETE (published as IC 62.1-2013-6).
- [62.1-2016 Max Sherman \(Differences between VRP and IAQP\).](#)
- [62.1-2016 David Ellowitz \(Electronic Air Cleaners\).](#)

Unofficial Interpretation Request: Since the Las Vegas meeting in January 2017

- 62.1-2016 Andrew Crawley (Industrial refrigeration) – COMPLETE.
- 62.1-2007 Theofilos Lagonikos (62MZCalc spreadsheet) - COMPLETE
- 62.1-2007 Stephen Little (Ventilation of vestibules) - COMPLETE

CM Proposals:

- [Travis English \(CM 62.1-17-12-0001/001\)](#)

- [Travis English \(CM 62.1-17-12-0001/002\)](#)
- [Steven Taylor \(CM 62.1-17-12-0002/001\)](#)

Potential Addenda:

- Personal ventilation systems
- Tighten requirements throughout
- Building controls and standard sequences of operation
- Adjust area component ventilation rates in light of improved building materials
- Account for emission rate decay as buildings age
- Modifications appropriate for areas outside the US and Europe
- Additional alternate compliance paths
- Additional consideration for humidity limits
- DCV improvements

62.1-2016 User’s Manual Update: [Published December 2016.](#)

Other Items:

- [Brad Stanley – Member of SSPC 62.1 passed away March 4, 2017.](#)

8:30-9:00	IAQ Guideline Report and Plans	Isenbeck
9:00-9:45	Research and Education Subcommittee Report and Plans	Thomann
9:45	Break	
10:00-10:30	Ventilation Subcommittee Report and Plans	Ho
10:30-11:00	Building, Systems, and Equipment Subcommittee Report and Plans	Hafendorfer
11:00-11:30	Administration Subcommittee Report and Plans	Bruekner
11:30-11:45	Public Comment	
11:45-12:00	Closing Comments	Bohanon
12:00	Recess (until 1:00 p.m. Sunday)	

SSPC 62.1 Administration Subcommittee

Saturday (6/24) 1:00 pm - 3:00 pm, Alford, 2nd Floor

SSPC 62.1 Research and Education Subcommittee

Saturday (6/24) 1:00 pm - 3:00 pm, Broadlind 2, 2nd Floor

SSPC 62.1 Buildings, Systems and Equipment

Saturday (6/24) 1:00 pm - 3:00 pm, Pike 3, 1st Floor

SSPC 62.1 Ventilation Subcommittee

Saturday (6/24) 1:00 pm - 3:00 pm, Pike 2, 1st Floor

Sunday, June 25, 2017

1:00 pm – 7:00 pm Local Time

SSPC 62.1 Ventilation for Acceptable Indoor Air Quality

Sunday (6/25) 1:00 pm - 7:00 pm, Pike 3, 1st Floor

1:00	Call to Order	Bohanon
	“Commitment to the ASHRAE Code of Ethics – In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <a)”<="" a="" href="https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics.">	
	<ul style="list-style-type: none">• Introductions• Voting Roster (23 PCVMs): Bohanon, Habibi, Aguilar (ASA), Berlin, Brown, Buttner, Damiano, Darwich, Doppel, Gress (ICC), Hafendorfer, Ho, Horner, Howard (SMACNA), Isenbeck, Muller, Petrillo-Groh (AHRI), Sekhar, Smith, Stanke, Stewart, Thomann, and Wiley• Bias/Conflict Notebook/Sign-in• Review of Agenda (Additions/Deletions)	
1:15	Review of Saturday Actions	Isenbeck
1:45	Liaison Reports	
	<ul style="list-style-type: none">• SPLS• TC 2.1, <i>Physiology and Human Environment</i>• TC2.3, <i>Gaseous Air Contaminants and Gas Contaminant Removal Equipment</i>• TC2.4, <i>Particulate Air Contaminants and Particulate Contaminant Removal Equipment</i>• TC 2.9, <i>Ultraviolet Air and Surface Treatment</i>• TC5.5, <i>Air to Air Energy Recovery</i>• TC7.9, <i>Commissioning</i>• TC9.10, <i>Laboratory Systems</i>• SSPC 55, <i>Thermal Environmental Conditions for Human Occupancy</i>• SSPC 62.2• SSPC 90.1• SSPC 154 <i>Ventilation for Commercial Cooking Operations</i>• SSPC 188, <i>Risk Management of Legionella in Building Water Systems</i>• SSPC 189• SPC 217• MTG Air Change Rates• MTG Impact of ASHRAE Standards and Technology on Energy Savings/Performance• MTG Indoor Swimming Pool Air Quality and Evaporation• PC Chair’s Meeting	Dunlap Olsen Muller Seyffer Hafendorfer Rice Brueckner Ho Olsen Agopian, Gress, Habibi, Howard Gress Stewart Gress Howard Darwich Muller Olsen Isenbeck
2:15	Public Comment	

2:30	“Personal Environmental Control Systems” Presentation	Sekhar
3:00	Break	
3:30	Liaison Report and Discussion	
	• SSPC 170, <i>Ventilation of Health Care Facilities</i>	Bohanon
3:45	Presentation and Discussion from Natural Ventilation Working Group	Clark
4:15	Admin Subcommittee Report	Bruekner
	Scope Discussion	
	Interpretations	
	Change Proposals	
4:45	IAQ Guideline Report	Isenbeck
5:00	Break	
5:15	Research and Education Subcommittee Report	Thomann
5:45	Ventilation Subcommittee Report	Ho
6:15	Systems and Equipment Subcommittee Report	Hafendorfer
6:45	Any Other Actions from Subcommittees for Voting (complete by letter ballot)	Bohanon
6:55	Other Business	Bohanon
7:00	Adjourn	

Monday June 26, 2017

SSPC 62.1 Natural Ventilation Working Group

Monday (6/26) 8:00 am – 12:00 pm, Pike 2, 1st Floor