



TECHNOLOGY COUNCIL MEETING

Pre-Houston Webinar
Monday, June 4, 2018

NOTE: *These are not the official minutes until approved by Technology Council.
All reports listed in these minutes can be found on Basecamp in 2018_06_04_Pre-Houston
Conference or can be made available upon request.*

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MAJOR MOTIONS PASSED
 Winter Conference, Chicago, IL
 Wednesday, January 24, 2018

Motion #	Description
1	Minutes of the Tech Council Chicago meeting January 27, 2018, were approved as presented.
2	Technology Council recommended to the BOD that the revised Climate Change position document be approved.
3	Technology Council discontinued the revision to the Legionellosis position document and formally disbanded the PD committee.
4A	The following postponed motion was brought forward from the Chicago meeting: Operations Subcommittee (OPS) recommends to Technology Council to recommend to the BOD, that the Rules of the Board (ROB) be approved.
4B	The following motion was tabled pending input from Standards and EHC as requested in AI#3 and AI#4 of this report.

ACTION ITEMS
 Pre-Houston Meeting
 Monday, June 4, 2018

AI #	Responsibility	Goal Due Date	Status	Summary
1	Schwedler	Prior to Houston		Reach out to David Underwood to understand how names brought forward from Councils will be used by Nominating Committee. There is concern that a name from a Council might be viewed as having greater weight than from other entities.
2	Disaster Response Ad Hoc (Markel to coordinate)	Houston	Complete	Reach out to Members Council, Pub Ed Council and GGAC to see if this ad hoc can have 5 minutes on their agendas to discuss how to work together.
3	Standards	Houston	Complete	Review Section 1.201.004.9 of the Rules of the Board (ROB) If possible, develop a section that could be put into Standards MOP. Determine if Standards Committee would be in favor of using the changes developed for the MOP in lieu of Section 1.201.004.9
4	EHC	Prior to Houston	Complete	Provide background on removal of ROB Section 1.201.004.9

MINUTES
TECHNOLOGY COUNCIL MEETING

Pre Houston Webinar
Monday, June 4, 2018

Voting Members Present

Ginger Scoggins, Chair
Mick Schwedler, Vice Chair
Van Baxter
Charlie Culp – Late arrival
Douglas Fick
Ken Fulk
Byron Jones
Larry Markel
Mark Modera – Late arrival
Doug Reindl
Bill Walter

Non-Voting Members Present

Don Brundage
Kelley Cramm
Steve Emmerich
Elliott Horner
Tom Justice
Kishor Khankari
Theresa Weston

Members Absent

Mike Bilderbeck, Voting Member
Art Geisler, Voting Member
Tom Lawrence, Voting Member
Martin Dieryckx
Chris Mathis
Nicholas Shockley
John Shonder
Lan Chi Weekes
Cesar Lim

Guests Present

Jay Kohler – Incoming Tech Council

ASHRAE Staff Present

Steve Ferguson, Sr. MOS
Steve Hammerling, AMORTS
DD Latham, Admin
Lilas Pratt, MOSP
Stephanie Reiniche, DOT
Mike Vaughn, Sr. MORTS

1. CALL TO ORDER

Chair Ginger Scoggins called the meeting to order at 9:05 a.m. Vice Chair, Mick Schwedler, was asked to record any action items during the meeting.

Secretary's note: Quorum was met with 8 voting members, plus chair.

2. REVIEW OF AGENDA

Ms. Scoggins asked for any changes to the agenda. There being none, the agenda was accepted as presented.

3. APPROVAL OF TECHNOLOGY COUNCIL MINUTES

M1 It was moved by Larry Markel and seconded by Doug Reindl that the minutes of the Tech Council Chicago meeting January 27, 2018, be approved as presented.

TechC Vote: 8-0-0, CNV

4. ACTION ITEMS UPDATE

Tech Council Action Item List was reviewed and updated. Report can be found on Basecamp under 2018_6_4 Pre-Houston Conference file as 04 Action Items as of 5_10_18.

Secretary's note: At this time, Charlie Culp and Mark Modera joined the meeting making the head count 10 voting members, plus chair.

4. STANDING COMMITTEES

Secretary's Note: There were no motions or formal reports presented to the Council from the six standing committees. The following are summaries of verbal reports presented during the conference call.

A. Standards

Chair, Steve Emmerich updated the council on a few items coming forward at the Houston meeting.

1. 189.2 Update

ASHRAE has left the National Green Building Standard/ICC 700 after the ASHRAE Board of Directors approved withdrawing as cosponsor. As a result of that action, Standards ExCom has drafted a new TPS for a 189.2 standard and has approached several members which could be identified as a potential chair.

There have been questions by those individuals as to whether or not a 189.2 is needed in the market and should time be spent looking at it or do we just do it. There were also concerns expressed that Standard 90.2 was not completed yet.

2. 90.2 Update

Finishing is the first item of business at this time. If ASHRAE has success with 90.2 then 189.2 might be successful. More updates on the status of 90.2 will be provided in Houston.

3. Budget Changes

Regarding proposed budget changes related to supporting international standards work, Standards Committee has a letter ballot requesting funding support for more than just chairs. Future evaluation will be looked at as a potential ongoing budget item.

B. Technical Activities (TAC)

Chair Kelley Cramm updated the council on TAC activities.

TAC is looking at resiliency and natural disaster but there were concerns that this may overlap with the Tech Council Ad Hoc.

An additional item being discussed in Houston is the possibility of the TAC chair serving multiple years as it's difficult to maintain continuity with a single year term. Also on the agenda for Houston is the approval of the proposed MTG Building Health and Wellness as one of President Hayter's initiatives.

TAC will also discuss the possible need and benefit of having an IAQA liaison on TAC.

C. Environmental Health (EHC)

Vice Chair, Elliott Horner, updated the council on EHC activities.

EHC will be following up on position documents (PDs) that need to be completed, revised or reapproved. Specifically, EHC is looking at the rewrite of the IAQA PD; revisions are under way on the ETS PD (add e-cigarettes and vaping devices), and the PD on indoor dampness.

D. Residential (RBC)

Vice Chair, Theresa Weston, updated the council on RBC activities.

Topics of importance for Houston are the research project on the multifamily design guide and the approval to move forward with the buildings conference as an ASHRAE conference.

E. Research Administration (RAC)

Chair, Kishor Khankari, updated the council on RAC activities.

Research projects will be coming forward for approval in Houston. The Committee is also moving forward on the special bid solicitation.

5. SUBCOMMITTEES

A. DRSC

It was moved by Mick Schwedler that:

- M2** Technology Council recommend to the BOD that the revised Climate Change position document (**Attachment A**) be approved.

Background: The PD was approved with editorial changes by DRSC (5-0-0 CNV) and approved by PD committee (6-0-0 CNV). This PD was expired and removed from ASHRAE website in 2016. TC 2.5, Climate Change, approved a reaffirmation (with editorial changes) and submitted to DRSC at the 2017 Annual meeting but changes were deemed to be too substantial, so a revision was developed by a PD committee. A revision was considered by DRSC last fall, comments were collected, sent to PD committee, and addressed in this revision. Changes compared to the previously published PD are shown with track changes.

TechC Vote: 10-0-0, CNV

It was moved by Mick Schwedler that:

- M3** Technology Council discontinue the revision to the Legionellosis position document and formally disband the PD committee.

Background: The motion was approved by DRSC (6-0-0 CNV) and the cognizant technical committee, EHC (7-0-0 CNV). The Legionellosis PD expired in 2015. Standard 188 has since been published and offers risk management information. The Guideline 12 is being developed which will include much of the technical guidance, so this PD is no longer necessary. A committee was appointed to develop a revision but has not made progress.

TechC Vote: 10-0-0, CNV

B. Special Projects

Chair, Ken Fulk stated that there are currently no new projects but they may have one coming forward in Houston. Special Projects will be reviewing the TechC MOP as it relates to User Manuals.

6. AD HOC UPDATES

A. Nominations Ad Hoc

Mick Schwedler briefly updated the council on the nomination process noting that there would be five names coming forward to Tech Council during the Executive session in Houston.

AI#1 – Mick Schwedler to reach out to David Underwood to understand how names brought forward from Councils will be used by Nominating Committee. There is concern that a name from a Council might be viewed as having greater weight than from other entities.

B. Disaster Response Ad Hoc

Larry Markel reviewed the Ad Hoc's report with the council. Mr. Markel will make contact with Pub Ed Council, Members Council, and GGAC while in Houston for their feedback. The full report is posted on Basecamp as 07B Disaster Response Ad Hoc Status Report 23 May 2018.

AI#2 – Larry Markel to reach out to Members Council, Pub Ed Council and GGAC to see if this ad hoc can have 5 minutes on their Houston agendas to discuss how to work together.

7. LIAISON REPORTS

A. 90.2

Steve Emmerich reported that the committee has received the comments for 90.2 and responses are being drafted and will be reported in Houston. Standards Committee is aware of the potential to lose ANSI accreditation of 90.2 and will ensure that the SSPC completes its work in time.

B. A2L

Doug Reindl reported that SSPC 15 has been having ongoing conference calls between Society meetings. The third ISC public review of addendum *d* received 13 comments that need responses. SSPC 15 has generated responses and will meet on June 5th via conference call to approve them. The fourth ISC public review of the addendum will be voted on in Houston. It is reasonable to expect that this addendum will publish by the end of this year.

Addendum *h* deals with use of machinery applications. Twelve comments were received during public review. SSPC 15 is putting a priority on addendum *d*. If responses to the comments are approved it is possible that the committee will also approve an ISC public review draft in Houston of this addendum.

C. Finance

Ginger Scoggins updated the council on the financial status of the Society. The association is running on a deficit budget for this year and next year. Each council has been requested to reduce expenses by \$40,000 before the end of the fiscal year. Items identified for Tech Council for this fiscal year have been sent to Finance to help reduce the budget deficit. Money was taken from travel reimbursements that have not been used.

D. Planning

Mick Schwedler reported that a draft Strategic Plan for the next five years would be coming forth in Houston and would be ready in June 2019. Members interested in the status of the plan are invited to the Society Planning Committee meeting Friday in Houston.

E. SRC

Art Geisler reported that SRC had nothing to report to Tech Council at this time.

9. POSTPONED MOTION

M4A Van Baxter moved to open the following tabled motion and it was seconded by Larry Markel.

The following motion was postponed in Chicago and an action item was assigned to staff to obtain an Interpretation from ANSI and legal advice:

Operations Subcommittee (OPS) recommends to Technology Council to recommend to the BOD, that the Rules of the Board (ROB) be revised as shown:

~~1.201.004.9 Indoor Air Quality or Ventilation Standards. Any existing and all future ASHRAE indoor air quality or ventilation code-intended standards must meet the following requirements:~~

~~A. The standard shall specify concentration limits of only those specific contaminants for which a nationally or internationally recognized authority (such as US EPA, OSHA or the World Health Organization) has established a maximum permissible concentration limit and for which standardized test procedures have been established. Nationally or internationally recognized authorities and procedures may be those developed by ANSI consensus procedures for private standards-setting organizations, those established by statute, or those duly adopted regulations issued by governmental agencies.~~

~~B. The standard may specify means and methods for limiting concentration of pollutants, provided they are related to contaminants normally considered in the design of HVAC systems serving the relevant space type.~~

~~C. The standard shall not require the measurement of contaminant or other airborne concentrations except those that can be measured using standardized test equipment and procedures in accordance with ASHRAE Standard 111 (or its successor) or other consensus Methods of Test. Standardized test equipment is defined as equipment normally available in the HVAC&R industry to test and balance technicians or that is common in building ventilation assessment.~~

~~D. The standard shall not make any claims or guarantees that compliance will provide health, comfort or occupant acceptability, but shall strive for those objectives, consistent with ASHRAE policy.~~

~~E. The standard may contain factors for use in design of calculations such as mixing efficiencies and air change effectiveness, as long as it is the consensus of the standards-writing body that these factors are important to providing acceptable indoor air quality.~~

BACKGROUND: This ROB was developed many years ago in response to a series of membership votes on indoor air quality issues and reports from presidential ad hoc committees, driven by the concerns on the part of some ASHRAE members that our indoor air quality standards were inappropriately addressing health issues. The ad hoc committee findings and other BOD-level discussions concluded that it was entirely appropriate for ASHRAE standards to

be motivated by health, as they had been for many years. The rule proposed for deletion was developed to quell some remaining concerns. However, this rule has not been invoked since its adoption and it may be inconsistent with the key ANSI principle that the consensus body (the standard project committee in the case of ASHRAE) be solely responsible for the content of a standard.

Discussions were held with some of the concerns listed below:

1. Staff reported that ANSI did not find that this ROB language violated either PASA or ANSI Essential Requirements. This is considered a scoping issue that would be permissible. Legal Counsel indicated that if the rule wasn't being enforced it would make sense to remove it.
2. This language came from a Members' petition.
3. Further assessment is needed on how it conflicts with the ROB.
4. Maybe the language just needs to be tweaked.
5. Is there liability in leaving it and should it be rephrased?
6. There haven't been any specific examples in standards that aren't in compliance with this ROB.
7. This isn't a violation of PASA. Maybe this should be moved into the StdC MOP or Reference Manual.

M4B It was moved by Mick Schwedler and seconded by Larry Markel to postpone the motion to Houston.

TechC Vote: 10-0-0, CNV

The following actions were assigned and asked to be addressed prior to Houston:

AI#3 – Standards to review Section 1.201.004.9 of the Rules of the Board (ROB) If possible, develop a section that could be put Into Standards MOP. Determine if Standards Committee would be in favor of using the changes developed for the MOP in lieu of Section 1.201.004.9

AI#4 - EHC to provide background on removal of ROB Section 1.201.004.9

10. ADJOURN

There being no further business to come before the council, the meeting was adjourned.