



**TECHNOLOGY
COUNCIL
Fall Webinar
September 27, 2022**

NOTE: These are not official minutes until approved by Technology Council.

MOTIONS

Technology Council Fall Webinar Motions September 27, 2022

Motion Number	Motion
<u>1</u>	Technology Council recommends to the Board of Directors that proposed changes to the Procedures For ASHRAE Standards Actions (PASA) within Section 4. Approval Of Proposed Standards, Section 5. Relationships with other Standards-Developing Organizations, Section 7. Criteria for Approval, Withdrawal, and Discontinuance of ASHRAE Standards and Guidelines, Annex A1: Definitions, Annex B: Appeals of Board of Directors' Standards Actions or Inactions, and Annex C: Complaints of Actions or Inactions by the StdC, its Subcommittees or PCs, be approved as shown in 04A Ops Report motion one.
<u>2</u>	Tech Council recommend to the BOD that then proposed changes to the Rules of the Board Section 2.425.001 Scope And Purpose, and Section 2.425.003 Operation, be approved as in 04A Ops Report motion two.
<u>3</u>	That Technology Council recommend that the Board of Directors (BOD) approve the revised <i>Infectious Aerosols</i> position document (PD) (DRSC Attachment 04C-A).

ACTION ITEMS

Tech Council Fall Webinar September 27, 2022

AI#	Responsibility	Status	Description
<u>1</u>	Council Members	New	An Action item was assigned to all Council Members to provide feedback for future strategic plans to Ms. Thomle prior to the Ops meeting in October.

Minutes
Technology Council

<p><u>Voting Members Present:</u> Sarah Maston, Chair Ashish Rakheja, Vice Chair Wade Conlan Tyler Glesne David Yashar Paul Francisco Costas Balaras Steven Sill Chris Phelan Carl Huber Wei Sun*</p> <p><u>Non-voting Present:</u> Craig Messmer Jonathan Humble Steve Kujak Jamie Bennett Bill Bahnfleth, Susanna Hanson StdC Omar Abdelaziz, RAC Nicholas Clements, EHC Dustin Lilya, REF-CPPC William Healy, RBC* Bill Murphy</p>	<p><u>Staff</u> Stephanie Reiniche, DOT Derrick Nesfield, MOSP Steve Hammerling, AMORTS Connor Barbaree, Sr. MOS Mike Vaughn Tara Thomas Susan LeBlanc Thomas Loxley Ryan Shanley Tanisha Meyers-Lisle Donna Daniel Amber Thomas</p> <p><u>Guests</u> Dave Delaquila</p> <p><u>Voting Members Absent</u> Luke Leung Larry Smith</p> <p><u>Non-Voting Members Absent</u></p>
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1. CALL TO ORDER/OPENING COMMENTS

Sarah Maston, acting Chair, called the meeting to order at 9:01 a.m. EST. Ms. Maston started the meeting and led the round of introductions for those in attendance. All were asked to indicate something fun or that they were excited about that had happened since the Council last met in Toronto. The agenda was accepted as presented.

The commitment to Care, the commitment to the Code of Ethics and the ASHRAE Core Values were shared during the meeting.

Secretary's Note: Quorum was met with 12 voting members including the Chair. All reports -referenced in the minutes are on Basecamp in the folder "Meetings 2022-2023 2022-September 27 Meeting."

2. MINUTES/ACTION ITEMS

A. Minutes

Ms. Reiniche reported that the minutes weren't completed and will either be presented for letter ballot for approval or at the winter meeting in Atlanta.

B. Action Items

The only open action item was for Tech Council members to review the proposed PASA and ROB changes presented by Ops in Toronto and provide any feedback. were updated as shown in the tables listed above.

3. SUBCOMMITTEE REPORTS

A. Operations (OPS)

Adrienne Thomle, OPS Chair, presented the report. The report is included on Basecamp as O4A OPS Report to Tech Council August 2022.

It was moved by Adrienne Thomle that:

M1

Technology Council recommend to the Board of Directors that proposed changes to the Procedures For ASHRAE Standards Actions (PASA) within Section 4. Approval Of Proposed Standards, Section 5. Relationships with other Standards-Developing Organizations, Section 7. Criteria for Approval, Withdrawal, and Discontinuance of ASHRAE Standards and Guidelines, Annex A1: Definitions, Annex B: Appeals of Board of Directors' Standards Actions or Inactions, and Annex C: Complaints of Actions or Inactions by the StdC, its Subcommittees or PCs, be approved as shown in 04A Ops Report motion one:

BACKGROUND: At the Toronto meeting, the subcommittee tabled this motion to allow members time to review the proposed. These proposed changes were then also shared as an information item in the OPS report to Tech Council and the Tech Council Report to the Board during the Toronto Annual Meeting in June. These changes are part of the Standards Committee effort to streamline the standards development procedures. These changes move the standards actions approvals to the lowest approval body and include a simpler voting calculation to promote efficiency in the standards development process. These changes will have to go out for public review and approval through ANSI.

TechC Vote: 11-0-0, CNV

It was moved by Adrienne Thomle that:

M2

Tech Council recommend to the BOD that then proposed changes to the Rules of the Board Section 2.425.001 Scope And Purpose, and Section 2.425.003 Operation, be approved as in 04A Ops Report motion two:

BACKGROUND: These proposed changes were submitted by Staff as part of the streamlining efforts made to PASA. These changes contain the same changes as were in PASA but most importantly the removal of standards actions approvals to a lower approval body. These changes are contingent on final approval of PASA by ANSI. The Chair of Society Rules Committee in 2022 was part of Standards Committee when this motion was considered.

TechC Vote: 11-0-0, CNV

Ms. Thomle highlighted the following information items:

1. OPS approved changes to the Standards Committee Manual of Procedures. These changes reflect the proposed changes in PASA and the Rules of the Board. These changes will not be put in place until PASA is approved by the Board of Directors and ANSI.
2. Standing Committee Chairs reviewed their MBOS. All Standing Chairs were to submit their final MBOs to Staff by the end of August. As part of that process, the Chairs were requested to also review the 22-23 Presidential Initiatives to determine if any of the committee MBOs addressed those as well. A column was added to the MBO tracking spreadsheets.

AI1

An Action item was assigned to all Council Members to provide feedback for future strategic plans to Ms. Thomle prior to the Ops meeting in October.

B. Special Projects

David Yashar, Chair of Special Projects, reported that Special Projects has not yet met this Society year so there is no report.

C. Document Review Subcommittee (DRSC)

Ashish Rakheja, Chair of DRSC, presented the report. The full report can be found on Basecamp as 04C-DRSC Rprt to TechC.22A.docx.

It was moved by Ashish Rakheja that:

M3

That Technology Council recommend that the Board of Directors (BOD) approve the revised *Infectious Aerosols* position document (PD) (**DRSC Attachment 04C-A**).

BACKGROUND: This PD is a revision to the [current ASHRAE position document on Infectious Aerosols](#) published April 14, 2020. Version 9 (V9) (**DRSC Attachment 04C-A**) was sent to Tech Council and the BOD on

September 9th Version 5 (V5) of this PD (**DRSC Attachment 04C-B**) was sent to EHC, Tech Council and BOD members on May 21, 2022, with a request for review and comments. Comments were collected, sent to the PD committee and considered and/or addressed by the PD committee in the latest draft (V9). There is not a track changes version comparing V9 to V5 as the format was drastically changed to conform with the new PD format approved by DRSC in Toronto.

TechC Vote: 10-0-1¹ CNV

Mr. Rakheja highlighted the following:

1. That DRSC had provided feedback to GAC on the Decarbonization Public Policy Issue Brief (PPIB) that was based on the Decarbonization Position Document.

DRSC is determining the best mechanism to convert existing PDs to the newly approved PD format.

4. STANDING COMMITTEE REPORTS

A. Standards Committee (StdC)

Susanna Hanson, Chair of StdC, presented the report. The full report can be found on Basecamp as 05A StdC Report to TC Sept 23 2022.docx. No motions were presented. The following information items were highlighted:

1. IECC Standards Process:
 - a. ASHRAE Standards Staff, Code Interaction Subcommittee (CIS) and Standards committee are monitoring the processing of the latest version of the IECC.
 - b. The new IECC document is now out for public review and the appropriate ASHRAE committees are reviewing the draft to determine if ASHRAE will submit comments on specific portions of the draft.

Appeals Updates/Formal Complaints: A formal complaint of action/inaction against SPC 514 was received and has started our process. The project committee chair has responded to the complaint and ASHRAE staff awaits confirmation of the complainant's resolution status.

Secretary's Note: A question was asked about whether any of the publication motions coming before the Board had the possibility of an appeal. Ms. Reiniche reminded Council members that are Board members to review the Standards Analysis Sheets prior to the Board meeting and ask questions of staff in advance.

B. Research Administration Committee (RAC)

Omar Abdelaziz, Chair of RAC, presented the RAC report. The RAC report is posted on Basecamp at 5B-Rac-Fall Meeting Report and Info. Items.docx. No motions were presented. Mr. Abdelaziz reported that RAC will have another meeting in early October..

¹ Dave Yashar abstained because he had comments on the PD and at this stage it would be improper to bring them up.

The following information item was highlighted:

RAC has updated the research page of the ASHRAE website this fall to indicate that for SY 22-23 we will be accepting applications or nominations for the following grants and awards administered by RAC:

- Graduate Student Grant in Aid Program (GIA)
- New Investigator Award (NIA)
- Innovative Research Grant (IRG)

C. Technical Activities Committee (TAC)

Craig Messmer, the Chair of TAC, presented the report that is on Basecamp as 05C-TAC Rprt to Tech.22F.docx. There were no motions presented. The following information items were highlighted:

1. An ASHRAE Journal article titled *The Value of Joining Technical Committees*, authored by John Constantinide and Larry Smith, is drafted and will be published in a future edition of the ASHRAE Journal. This is one of a number of efforts for TAC to work with CTTC in promotion TC participation and awareness from ASHRAE Chapter members. TAC also hopes this will expand global participation in the TC's.
2. TAC approved a new TG9.SPACE with the following title and scope:
Extraterrestrial and Deep Space Environmental Control Systems
TG 9.SPACE is concerned with environmental control systems and components, as well as their function and ability to establish and maintain habitable levels of indoor environmental quality, located in and servicing enclosed spaces at deep space and extraterrestrial locations. The committee will also address environmental control system safety, operation and maintenance, refrigerant usage, and performance in conditions different from Earth and Earth's atmosphere.

D. Environmental Health Committee (EHC)

Nick Clements, the Chair of EHC, presented the report that is on Basecamp as 05D-EHC Rprt to TechC.22F.docx. No motions were presented. The following information items were highlighted:

1. EHC is working to form a Multi-disciplinary Task Force (MTG) to develop an IEQ Building Audit Assessment tool. EHC will identify a scope for such a tool and reach out to standard committees, technical committees and others that would have an interest in participating. EHC aims to send to TAC for their consideration at the Winter Meeting in Atlanta.
2. EHC continues to develop a new Emerging Issue Brief on Reactive Oxidation Species.

E. Refrigeration/CPCC (REF-CPCC)

Dustin Lilya, the Chair of REF-CPCC, presented the report that is on Basecamp as 05E-REF-CPCC Rprt to TechC.F22.Release 1.docx. There were no motions presented. The

following information items were highlighted:

1. Chair Lilya reviewed his new MBOs with the full committee. One of the challenges for this committee will be finding suitable meeting times for fall and spring web meetings since the 12 committee voting members span 9 time zones and only two face-to-face meetings are held at Society meetings each year.
2. REF-CPPC is also considering requesting the addition of 2 voting members to the committee. This request could come forward at the Atlanta Winter Meetings. REF-CPPC is looking at refreshing the Bi-Annual Refrigeration Technical Report so that it can be shared at the grass root level.

Secretary's Note: The addition of two voting members to REF-CPPC will have budget implications that should be noted in the request. The committee, through the staff liaison, should also ask that the travel budget be increased in anticipation of the motion so that if it comes later than Atlanta there are no issues.

F. Residential Building Committee (RBC)

Bill Healy, Chair of RBC, provided there was no written update or recommendations at this time.

Mr. Healy highlighted the following:

RBC has conducted training that includes the responsibilities of the committee and the review of the RBC MBOs. RBC is trying to formalize a process in Basecamp to track key residential issues. RBC will meet later in October after its subcommittees have met.

5. SPECIAL COMMITTEE/LIAISON REPORTS

A. GAC Liaison Report

Chris Phelan, GAC Liaison, provided no report. Mr. Phelan highlighted the following items:

1. GAC has a goal of holding 125 Government Outreach Events (GOEs) in this Society Year. There is great demand to know what ASHRAE is doing on building decarbonization. GAC would like regular updates so they can provide the most current and accurate information about ASHRAE.
2. Using the new Board-Approved PD on Building Decarbonization, GAC has finalized a PPIB on Building Decarbonization.
3. Recent legislation signed into law in the U.S. has created many opportunities for ASHRAE and decarbonization, including the Bipartisan Infrastructure Law and the Inflation Reduction Act.

B. Finance Liaison Report

Ms. Maston provided no report. Any pressing information will be sent out after the finance meeting on Wednesday, September 28th.

C. Society Planning Liaison Report

Wade Conlan had no updates at this time.

D. Society Rules Committee

Ms. Thomle reported that SRC has reviewed and approved MOP changes for the College of Fellows and Nominating. SRC intends to finalize the Board Reference Manual in December for approval by the Board in Atlanta.

E. TFBD

Stephanie Reiniche reported that all the working groups of the TFBD have been formed. The final scope summaries of the guides should all be approved shortly. The Building Performance Standard Technical Guide should be available to download at the Winter Conference. The work on the Grid Interactive Building Guide is about to start. The TFBD is working on the transition plan for the work after this year. Also expect updates to the website.

6. DOT Report

Stephanie Reiniche, the Director of Technology, presented the report that is on Basecamp as 07_DOT Report.doc. She highlighted the following information:

- a. Introduction paragraphs on recent Technology department new staff hires.
- b. We are fully staffed for positions that were listed as open.

7. NEW BUSINESS

- A. President-Elect Advisory Committee (PEAC) Discussion – Where can Technology Council help?** – The Society theme for next year will have a decarbonization focus, which includes a carbon calculator potentially coming for Tech Council to discuss. Standards and TFBD play a big role in this to make sure everything is aligned and that terms are standardized.
- B. Board Streaming Committee** – Tyler Glesne and John Constantinide will be doing small group interviews with Tech Council members for ideas for the improvement of processes. There are three different meetings being scheduled. Ms. Maston is Chairing this subcommittee.
- C. DEI Board of Director Subcommittee** – DEI has assigned a liaison to all major committees, the liaison for Tech Council being Steven Sill. Mr. Sill will work with Tech Council in terms of how it is implementing diversity, equity, and inclusion, and then report back to DEI Subcommittee.

8. EXECUTIVE SESSION

No Executive Session was needed.

9. NEXT MEETING

A. TechC Winter Meeting – Wednesday February 8, 2023 – 9am to 12pm. This meeting will be hybrid.

10. ADJOURN

The meeting was adjourned at 10:21 am EST.