



**GLOBAL TECHNICAL INTERACTION COMMITTEE
MINUTES**

**ASHRAE 2024 Winter Meeting
21 January 2024**

These are not the official minutes until approved by GTIC

TABLE OF CONTENTS

1. Call to Order and Introductions..... 1

2. Adoption of the Agenda..... 1

3. Approval of Minutes 1

4. Region and Chapters Interactions Subcommittee (RCIS) Report 1

5. Technical Committees Interactions Subcommittee (TCIS) Report..... 2

6. Project Committees Interactions Subcommittee (PCIS) Report 2

7. Liaison Reports 2

8. Status of MBOs 3

9. International/Region Updates..... 3

10. Other Business..... 3

11. Review of Action Items 3

12. Next Meeting/Closing Items 3

13. Adjournment 4

14. Attachments..... 4

**GTIC Action Items
As of 21 January 2024**

Updated Items Noted in Red

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
1	<p>An action item was assigned to ASHRAE staff to review the Standards Committee and GTIC MOPs (Manuals of Procedures) to develop recommendations for rules changes and assignment of responsibilities for different areas/items; these recommendations will be provided to GTIC and Standards Committee (via PPIS) for review and comment once they are available. This will be reported on at future GTIC and Standards Committee meetings. Ongoing.</p> <p>ASHRAE staff has performed a review of the Standards Committee procedural documents to develop recommendations for rules changes and assignment of responsibilities for different areas/items between Standards Committee and GTIC. PCIS also reviewed and agreed on the proposed revisions. These recommendations will be presented to Standards Committee for review and approval in Chicago. Staff is in the process of making the corresponding recommended revisions to the GTIC MOP and Reference Manual, which will be provided for GTIC review in the near future. The revisions to the Standards Committee MOP will be voted on by the Technology Council Operations Subcommittee on Tuesday, 23 January 2024.</p>	ASHRAE Staff		Open
2	<p>An action item was assigned to all subcommittees to develop their own MBOs to establish precedents for future work. Subcommittee chairs are expected to provide reports at future meetings.</p> <p>RCIS and PCIS have developed draft MBOs; these have been posted on the GTIC Basecamp. MBOs for TCIS still need to be developed.</p> <p>The development of TCIS MBOs is in progress. The subcommittee will meet and discuss within a few weeks of the winter meeting.</p>	TCIS		Open

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
3	An action item was assigned to the Regions and Chapters Interactions Subcommittee to develop a presentation/document to introduce GTIC to regions and chapters; a roadmap for standards development bodies in each region/country will also be assembled. RCIS held a virtual meeting in December. Currently the subcommittee has representatives from Asia and Latin America and is on identifying and recruiting Middle Eastern members; this is an ongoing action item. RCIS will work to integrate information from each region by the summer meeting. It has been requested that the subcommittee provide feedback on the presentation by the end of February. An idea is in development to have regional coordinators (“local champions”) in each region.	RCIS		Open
4	An action item was assigned to the Project Committees Interactions Subcommittee to review the ASHRAE Strategic Plan and provide feedback on behalf of GTIC. Action on this item has been postponed as the subcommittee was previously focused on changes to procedures. PCIS will schedule a meeting before the next GTIC meeting to discuss. Ongoing.	PCIS		Open
5	An action item was assigned to Doug Fick, Ashish Rakheja, and Cheng Wee Leong will develop comments on the ASHRAE Strategic Plan for submittal on behalf of GTIC.			Open

CLOSED ACTION ITEMS				
AI#	Action Item	Assigned	Completion Date	Status
1	An action item was assigned to all subcommittees to schedule virtual meetings at the earliest opportunity. RCIS and PCIS have each held at least one virtual meeting since the previous GTIC meeting. TCIS will schedule a virtual meeting within the next several weeks following the Chicago conference. Completed	RCIS, TCIS, PCIS	21 January 2024	Closed

CLOSED ACTION ITEMS				
AI#	Action Item	Assigned	Completion Date	Status
2	An action item was assigned to Olu Soluade, Ashish Rakheja, and Ryan Shanley to reach out to Kevin Mercer and Jamie Bennett (as TAC chair) to request an update on when the subcommittee can begin meeting and working. A virtual TCIS meeting will be scheduled in the next several weeks. Completed.	Olu Soluade Ashish Rakheja Ryan Shanley	21 January 2024	Closed
3	An action item was assigned to Steve Bushby, Drake Erbe, and Jaap Hogeling to prepare a draft of needs from the U.S. TAGs to ISO/TC 163 and ISO/TC 205 to be shared with the ASHRAE TC memberships. Experts are needed to review EPB standards and develop comments for U.S. positions. Steve Bushby provided a list to ASHRAE staff of ASHRAE TCs from which recruitment is needed for specific U.S. TAG to ISO/TC 205 advisory panels. Kevin Mercer will share a list of recommendations for Section 4 TCs to target for recruitment. It was asked if a one-year term for StdC and TAC vice chairs is appropriate, or if this is not sufficient time to become involved in the work of GTIC.	Steve Bushby Drake Erbe Jaap Hogeling	21 January 2024	Closed

1. Call to Order and Introductions

The Global Technical Interaction Committee 2024 Winter Meeting was called to order by GTIC Chair, Oludare Soluade, on Sunday, 21 January 2024, 9:07 am CST.

Introductions

GTIC members, staff and guests were greeted. The attendees were as follows:

Members Present

Oludare Soluade, *Chair*
Ashish Rakheja, *Vice-Chair*
Douglas Fick
Kevin Mercer
Steven Bushby
Drake Erbe
Hassan Younes
Fabio Clavijo
Cheng Wee Leong
Jyotirmay Mathur
George Pantelidis
Jaap Hogeling
Eleazar Rivera
Susanna Hanson, *Bod ExO*

Members Not Present

Jon Rajala
Thiam Leong (T.L.) Chen
Henry Yeo

Staff Present

Ryan Shanley, *Sr. MOS*
Kai Nguyen, *AMOS-I*
Tim Kline, *Manager – Certification*
Jacob Karson, *Associate Manager – Government Advocacy*

Guests Present

Larry Fisher
Subash Nagalapati
Juma Safar
Chandra Sekhar

2. Adoption of the Agenda

The agenda was amended to add Item 9C, “Contributions to the ASHRAE Task Force on Building Decarbonization (TFBD). The agenda was adopted as amended, and the ASHRAE Code of Ethics, Commitment to Care, Anti-Trust Guidelines, and GTIC purpose and scope were reviewed were made.

3. Approval of Minutes

The minutes of the 21 November 2023 virtual meeting were reviewed. The minutes were approved by consensus as presented.

4. Region and Chapters Interactions Subcommittee (RCIS) Report

The RCIS Report was presented by RCIS Chair, Eleazar Rivera. The subcommittee has identified that information is needed on which standards ASHRAE chapters are currently using, which standards are not being used because of competing standards, and which standards are not being used because more education is needed. There are many countries that do not have standards in areas which ASHRAE can address. Within ASHRAE, if there is not an active project committee (PC) for a standard, there is a cognizant technical committee (TC) which can be consulted regarding the standard. Ryan will request the

staff spreadsheet which tracks which standards are associated with which TCs. A mechanism is required for RCIS to ask Standards Committee and TAC on the status of standards and TCs, respectively. For more information regarding this report, please see [Attachment A](#).

5. Technical Committees Interactions Subcommittee (TCIS) Report

TCIS will schedule a virtual meeting in the coming weeks to begin working on development of subcommittee MBOs. Several TCs have been identified as targets for recruitment for the U.S. TAGs to ISO/TC 163 and ISO/TC 205. A presentation introducing GTIC was presented at the TC Chairs Breakfast; please see [Attachment B](#).

6. Project Committees Interactions Subcommittee (PCIS) Report

PCIS has reviewed the proposed revisions to PASA, the Standards Committee Manual of Procedures (MOP), and the Standards Committee MOP Reference Manual due to the formation of GTIC; corresponding revisions to the GTIC MOP and Reference Manual are in progress. StdC Chair Doug Fick and SMOS Ryan Shanley have begun conversations on training modules for PCs (examples of ASHRAE/ISO adoption). AMOS-I Kai Nguyen has been updating the international standards matrix for GTIC review and eventual input from other committees; there is value in the matrix in being able to identify corresponding standards to be able to make a case for adoption of ASHRAE standards vs. ISO. It was asked if there should be more focus on adapting ASHRAE standards for other countries; it was proposed that supplemental material to standards might be developed for adaptation in specific regions. Ryan Shanley noted that ASHRAE Standard 100-2024 has recently published with an appendix detailing how jurisdictions can develop their own building performance targets based on local data; an example for British Columbia, Canada, can be found on the [supplemental files webpage for Standard 100-2024](#). Staff can provide examples of how ASHRAE has worked to harmonize/coordinate with ISO standards. A presentation introducing GTIC was presented at the PC Chairs Breakfast; please see [Attachment C](#).

7. Liaison Reports

GTIC has established liaisons with ASHRAE Associate Society Alliance (AASA) and Government Affairs Committee (GAC). Members were asked to consider what organizations outside of ASHRAE GTIC can establish liaisons with, and if such representatives would need to be ASHRAE members. There has been a request to the regional chairs to suggest a liaison from each region to act as a “regional liaison member”. The GTIC Rules of the Board (ROB) or MOP can be updated to allow this if necessary. George Pantelidis reported that GAC wants to learn how to connect with GTIC and has assigned an MBO to the Global Affairs Subcommittee. George is also on the Publications Committee, which has an MBO for how to identify national markets/experts to adapt technical content and how to advance global publication efforts; not just translating publications but how to make publications more globally relevant. It was decided the GTIC subcommittees should be encouraged to also establish their own liaisons. It was reiterated that a formal process needs to be developed for requesting and producing translations of standards, and for promoting documents that are already translated and available; for example, existing Spanish translations could be marketed and promoted in at least twenty countries. Plans will be needed to address the issues of finding qualified individuals to translate publications and the fact that translations are not updated as frequently as the base documents are. It is also necessary to adapt content as opposed to just rote translation (i.e., different set point temperatures in different jurisdictions). It was proposed that GTIC should focus on identifying documents and markets for translation, and allow publications and marketing to handle the logistics of the actual translation.

Commented [SR1]: Update

8. Status of MBOs

GTIC reviewed the MBOs as shown in [Attachment D](#).

9. International/Region Updates

Ashish Rakheja reported the following:

A new ASHRAE Region XV (comprising chapters in India and Sri Lanka) has been approved effective as of 1 July 2024. Ashish Rakheja, Jyotirmay Mathur, and several other ASHRAE members are involved in the revisions of ISHRAE's Indoor Environmental Quality (IEQ) standard, India's Energy Conservation Building Code (ECBC), and the National Building Code of India. There are meetings between government leaders and ASHRAE leadership looking at additional initiatives which can be undertaken with ASHRAE participation.

Oludare Soluade shared that South Africa requires buildings to have a certificate of completion prior to occupancy; sign-off by licensed engineers is also required at various stages of the design and construction process.

10. Other Business

- A. A request was submitted for approval to renew the appointment of Vincent Sakraida, ASHRAE TC 9.11, "Clean Spaces," as ASHRAE representative to U.S. TAG to ISO/TC 209, "Cleanrooms and associated controlled environments." It was moved by Steve Bushby and seconded by Cheng Wee Leong for GTIC to approve the request for renewal. The motion was approved by consensus.
- B. A request was received from the ASHRAE Board of Directors for all standing committees to review and discuss possible recommendations to revise the ASHRAE Strategic Plan; comments are requested by 31 January 2024 to be incorporated into the new 2025-2028 strategic plan. Doug Fick, Ashish Rakheja, and Cheng Wee Leong will develop comments for submittal.
- C. A presentation was given at the TC breakfast for how TFBD activities will flow down to technical committees; a new organizational structure is to be proposed. A Decarbonization Center of Excellence, reporting to the Board ExCom, will be formed to succeed the TFBD; representation from the three councils and full-time staff support will be assigned. Ashish Rakheja and Cheng Wee Leong will meet with the strategic planning consultant to discuss globalization's role in the Decarbonization Center for Excellence.

11. Review of Action Items

Please see the updated status of Action Items on [Page 3](#).

12. Next Meeting/Closing Items

Next Meetings:

- Recurring Monthly Virtual Meetings, third Tuesday of each month
 - Tuesday, 20 February 2024, 8:00 AM to 11:00 AM EST (1:00 PM to 4:00 PM UTC)
 - Tuesday, 19 March 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC)
 - Tuesday, 16 April 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC)
- 2024 Annual Meeting Indianapolis – June 2024

13. Adjournment

The GTIC meeting adjourned at approximately 11:56 am CST.

14. Attachments

Attachment A



RCIS Winter Meeting
Report_2024-01-20.pptx

Attachment B



GTIC 2024 Winter
Conference TC Breakf.

Attachment C



GTIC 2024 Winter
Conference PC Breakf.

Attachment D



2023-24 ASHRAE
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