



**Global Technical Interaction Committee
Draft Meeting Minutes
Virtual**

Tuesday, 17 October 2023
8:00 AM – 11:00 AM EDT
12:00 PM – 3:00 PM UTC

Meeting Best Practices Reminders

- A. Please turn on your camera when you wish to speak during the meeting. Leave your camera on until called on.
- B. When not talking please turn your camera off.
- C. Please mute your line when not speaking.
- D. If you aren't able to turn on camera and wish to speak, please send a note in the chat.

ATTENDANCE

<u>Voting Members</u>				<u>Voting Members Cont.</u>	
1	Oludare Soluade (Chair)	X	14	Jaap Hogeling (Consultant)	X
2	Ashish Rakheja (Vice Chair/Coordinating Officer)	X	15	Eleazar Rivera (Consultant)	X
3	Jon Rajala (U.S. TAG to ISO/TC 142 Chair)	X	16	Henry Yeo (Consultant)	X
4	Douglas Fick (Standards Committee Vice Chair)			<u>Non-Voting Members/Guests</u>	
5	Kevin Mercer (Technical Activities Committee Vice Chair)			Susanna Hanson (Ex-Officio)	
6	Steven Bushby (U.S. TAG to ISO/TC 205 Chair)	X		Ryan Shanley (Staff Liaison)	X
7	Drake Erbe (U.S. TAG to ISO/TC 163 Chair)	X		Stephanie Reiniche (Staff Liaison)	
8	Thiam Leong (T.L.) Chen	X			
9	Hassan Younes	X			
10	Fabio Clavijo	X			
11	Cheng Wee Leong	X			
12	Jyotrimay Mathur	X			
13	George Pantelidis	X			

1. Call to Order/Code of Ethics – The meeting was called to order at 8:05 AM EDT (12:05 PM UTC).

- A. Commitment to the ASHRAE Code of Ethics – *In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)*
 - B. [ASHRAE Core Values](#) - Please review prior to meeting.
 - C. GTIC Scope and Purpose – The Global Technical Interactions Committee (GTIC) shall be responsible for harnessing the technical resources of ASHRAE to influence international standards and maximize the global impacts of ASHRAE standards, guidelines, and other technical work products on the practice of HVAC&R and the built environment. This includes developing, implementing, and managing processes that enable information flow and coordination between chapters, technical committees, standard project committees, and international technical advisory groups. This committee shall inform the ASHRAE leadership and membership of the potential impacts of the activities and making recommendations on new activities and policies in response.
2. [Summary of ISO/TC 163 and ISO/TC 205 Joint Workshop Presentations](#) – Drake Erbe cited as a “lesson learned” that the agenda/presenters should be finalized earlier so that advertising of the workshop can also begin sooner. Ryan Shanley noted that many attendees who registered to join the workshop remotely did not actually attend. It was suggested that future workshops should incorporate more diversity of perspectives/experience to demonstrate that the holistic approach is moving in the correct direction, regardless of the location where it is being applied. A better approach is to present options for achieving goals rather than prescribing a single method which must be followed. It was noted that the International Energy Agency’s Energy in Buildings and Communities Programme (IEA-EBC) has been very successful in engaging global participants in webinars and suggested that a contact at the IEA-EBC may be able to provide guidance to better implement future workshops. Drake Erbe reported that overall, the ISO/TC 163 and ISO/TC 205 face-to-face meetings at ASHRAE headquarters were extremely successful.
 3. [Review of Action Items](#) – The status of the action items assigned at the 19 September virtual meeting was reviewed and updated.
 4. [Review of Agenda](#) – The agenda was adopted as modified to add Agenda Item #8, “News to Share.”
 5. [Approval of Minutes of 19 September 2023 Virtual Meeting](#)
The minutes of the 19 September 2023 virtual meeting were approved unanimously.
 6. [Subcommittees Reports](#)
An action item was assigned to all subcommittees to begin scheduling meetings at the earliest opportunity.
 - A. Regions and Chapters Interactions Subcommittee – Eleazar Rivera (chair), Hassan Younes (vice chair), Cheng Wee Leong, Jyotirmay Mathur, Fabio Clavijo, T.L. Chen, Ashish Rakheja, Henry Yeo (consultant) – The subcommittee has not held any meetings yet. Draft MBOs for the subcommittee, as well as a draft Spanish translation of the GTIC

introductory information, have been uploaded to Basecamp. Fabio Clavijo has been giving presentations (including an introduction of GTIC) in Mexico, Central America, and South America; he would also like to work with the Region 12 DRC to arrange a joint regional meeting with chapter presidents to gather input and feedback. Eleazar Rivera will begin to work on a draft survey to chapters to inquire about what ASHRAE standards they use and what other standards they would like to use or adapt/improve.

- B. Technical Committees Interactions Subcommittee – Kevin Mercer (chair), Drake Erbe, Jon Rajala, Olu Soluade – The subcommittee has not held any meetings yet. 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 encourage the subcommittee to begin working. Recruitment of subject matter experts from ASHRAE TC 6.5, “Radiant Heating and Cooling” is needed for the U.S. TAG to ISO/TC 205 to review and provide input on documents for Panel 8, “Radiant Heating and Cooling”; the currently assigned members of the panel are unresponsive.
- C. Project Committees Interactions Subcommittee – Doug Fick (chair), Steve Bushby, Drake Erbe, George Pantelidis – The subcommittee has not held any meetings yet. Ryan Shanley reported that, as previously discussed, 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. Drafts of the marked-up documents will be provided for Standards Committee and GTIC review in the near future. It was determined that only minor editorial revisions are required for PASA, and it will be recommended that procedures for ASHRAE adoption of international standards be reassigned from ILS/ISAS to SRS (Standards Reaffirmation Subcommittee). Corresponding recommended revisions to the GTIC MOP and Reference Manual will also be forthcoming.

7. Status of MBOs

- A. Establishment of Communications Paths to TAC (Technical Activities Committee) and Standards Committee – It has been determined that metrics will be needed to be able to measure progress on the development and function of official and unofficial paths of communication. It was reported that both the TC and PC Chairs’ breakfasts at the Chicago conference will include brief presentations introducing GTIC. Volunteers from GTIC will be needed to assist in preparing a five-minute presentation which can be shared.
- B. Establishment of GTIC Subcommittee MBOs – MBOs for each subcommittee are either prepared or in progress.

8. News to Share – Members were asked to share miscellaneous items which they wished to bring to the committee’s attention, as outlined below.

- Drake Erbe – The ISO joint workshop was a great success; we are still awaiting feedback from attendees so that future workshops can be improved.
- Cheng Wee Leong – A list has been developed of ASHRAE standards which are used in Region 13. A request for a translation of a standard into Mandarin was received during the Region 13 CRC.
- Jaap Hogeling – An update on the next revision of the European Energy Performance of Buildings Directive (EPBD) is expected to be available in December.
- Ashish Rakheja – The energy code of India will be revised to add decarbonization targets and increase energy-efficient perspectives; the national building code of India will also be revised. Ashish is charged with leading the revisions of both of these codes, with Jyotirmay Mathur also involved. The Global Conference on Decarbonizing India 2023 will be held on

15 and 16 December; five ASHRAE board members (including the President and President-Elect) will be in attendance.

- Fabio Clavijo – A seminar will be held in Colombia on decarbonization and building energy efficiency.
 - Hassan Younes – COP28 will be held in the UAE in December. The local ASHRAE chapter may have representation at the conference; the ASHRAE President, President-Elect, and Treasurer will be in attendance. CIBSE TM65, “Embodied carbon in building services,” is being reviewed with the intention of developing calculation documents for each ASHRAE region (with local values and context). There is a question as to what ASHRAE is willing to do to support adaptation of standards for local needs (e.g., feasibility studies, cost of materials vs. cost of labor in different locations).
 - Henry Yeo – Singapore is looking at energy efficiency in heating plants and industrial cooling systems, as well as incorporating digitization into systems (e.g., real-time monitoring of chiller performance for all chillers over 100 tons). The Singapore carbon tax rate will be harmonized with that of the European Union by 2030.
 - Jon Rajala – ISO/TC 142 held its annual meetings in September. A new working group is being formed for removal of microorganisms from air; SSPC 52.2 is adopting a method on efficiency for removal of microorganisms from air from ISO. ISO/TC 142 is very aware of ASHRAE standards with similar scopes and has taken guidance from ASHRAE Standard 52.2.
 - Jyotirmay Mathur – India is converting their national building code into a sustainability code.
 - TL Chen – A question has been raised about if Region 13 requires translation of standards into languages other than English. The Malaysian government has approved an energy conservation and efficiency act and is working on developing a national energy action plan to extend through 2035. The ASHRAE Malaysian chapter will host an Asia-Pacific conference next month.
9. Next Meetings – Virtual meetings scheduled for third Tuesday of every month, 8:00 AM to 11:00 AM Eastern Time
- A. Tuesday, 21 November 2023, 8:00 AM to 11:00 AM EST (1:00 PM to 4:00 PM UTC) – Virtual
 - B. Tuesday, 19 December 2023, 8:00 AM to 11:00 AM EST (1:00 PM to 4:00 PM UTC) – Virtual
 - C. Sunday, 21 January 2024, 9:00 AM to 12:00 PM CST (3:00 PM to 6:00 PM UTC) – Chicago, IL, USA/Virtual
10. Adjournment – The meeting was adjourned at 9:29 AM EDT (1:29 PM UTC).

GTIC Action Items
As of 17 October 2023
Updated Items Noted in Red

OPEN ACTION ITEMS			
AI#	Action Item	Assigned	Status
1	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. 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. Drafts of the marked-up documents will be provided for Standards Committee and GTIC review in the near future. Corresponding recommended revisions to the GTIC MOP and Reference Manual will also be forthcoming.	ASHRAE Staff	Open
2	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. RCIS and PCIS have developed draft MBOs; these have been posted on the GTIC Basecamp.	RCIS, TCIS, PCIS	Open
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. Ongoing.	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. Ongoing.	PCIS	Open
5	An action item was assigned to all subcommittees to schedule virtual meetings at the earliest opportunity.	RCIS, TCIS, PCIS	Open

OPEN ACTION ITEMS			
AI#	Action Item	Assigned	Status
6	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 encourage the Technical Committees Interactions Subcommittee to begin working.	Olu Soluade, Ashish Rakheja, Ryan Shanley	Open