



**ASHRAE TC 8.4**  
**Air-to-Refrigerant Heat Transfer Equipment**  
**Full Committee Draft Agenda**

**2023 ASHRAE Summer Meeting Tampa, US**  
**Hybrid Conference**

**Tuesday 06/27/2023, 3:30 - 5:30 PM EST**

**1. Call to order**

**Arindom Joardar**

**2. Review Scope**

TC 8.4 is concerned with design, performance, and application of heat transfer equipment in which a refrigerant, including water or brine, is used to transfer heat with air. The processes of concern to the committee include both sensible heat transfer and combined sensible and latent heat transfer.

**3. ASHRAE Code of Ethics Commitment**

**Arindom Joardar**

"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 ASHRAE Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>

**4. Introductions**

**All**

a. Determination of a quorum

**Dhruv Hoysall**

*VOTING MEMBERS FOR THIS MEETING (Need (4) or ½+1 for a Quorum)*

Arindom Joardar	06/30/2024
Pedro Perez	06/30/2024
Khaled Saleh	06/30/2025
Yang Zou	06/30/2025
Vikrant Aute	06/30/2026
Kishan Padakannaya	06/30/2026

Pratik Deokar	06/30/2026
Matthew Baker	06/30/2026
Jun Li	06/30/2026

**5. Agenda additions**

**All**

**6. Chair's Report**

**Arindom Joardar**

a. Announcements and Highlights from TC Chairs Breakfast Meeting

**7. Liaison reports (as they arrive)**

**Liaisons**

a. MTG – Low GWP Refrigerants

Vikrant Aute

b. RAC

Carl Hubert

c. Section Head

Charlie Henck

d. Handbook

Kevin Muldoon

**8. Review/Approve minutes from Toronto meeting**

**Dhruv Hoysall /Arindom Joardar**

## 9. Membership/Roster

Ratnesh Tiwari

Name	Role	Voting
Arindom Joardar	Chair	Yes
Christian Bach	Vice Chair	No
Dhruv Hoysall	Secretary	No
Kishan Padakannaya	Research Chair	Yes
Bill Fox	Standards Chair	No
Kashif Nawaz	Handbook Chair	No
Pedro Perez	Program Chair	Yes
Pratik Deokar	Webmaster	Yes

Name	Role	Voting
Ratnesh Tiwari	Membership chair	No

**Standards Chair:** Need interim appointment to help current commitments(?)

**Chair & Secretary:** Rolling off on 6/30/2024.

**New VMs:** Kashif Nawaz, Stanislav Perencevic (7/1/2023 – 6/30/2027)

## 10. Subcommittee reports

- a. Standards Bill Fox
  - i. TC 8.4 vote for revision, reaffirmation, or withdrawal of Standard 25-2018
  - ii. TC 8.4 vote for revision, reaffirmation, or withdrawal of Standard 20-2019
- b. Research Kishan Padakannaya
- c. Handbook Kashif Nawaz
- d. Programs Pedro Perez
- e. Web site Pratik Deokar

## 11. Status of other current/proposed programs

## 12. Old Business

## 13. New Business

## 14. Adjourn