

ASHRAE TC 1.1, Thermodynamics and Psychrometrics



2024 Winter Conference, Chicago, Illinois

TC Committee Meeting (Hybrid – See ASHRAE conference web page/365 App)

Monday, 22 January 2024, 1:00 PM – 3:00 PM CST

Venue: Marriott Marquis Chicago, History (2)

TC 1.1 Scope

TC 1.1 is concerned with basic thermodynamic laws and property relationships, particularly as they are applied to processes involved in heating, ventilating, air conditioning, refrigeration, and related areas of environmental engineering.

Agenda

1. Call to Order/Introduction of members and guests/Establish quorum requirements (Ray Rite)
2. ASHRAE Code of Ethics Commitment (Rite)
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>.)
3. Review of Agenda (Rite)
4. Review/Approve minutes from Tampa meeting (Andy Hjortland)
5. Section Head Comments (Jason Atkisson)
6. Liaison Comments
7. Handbook Subcommittee (Riad Assaf)
 - a. Pressure v. Altitude table: Member question
8. Program Subcommittee (Omar Abdelaziz)
 - b. Status of current/proposed programs
9. Research (Kashif Nawaz)
 - a. Updates from the Society research meeting
 - b. Pending research topics and future research plans
 - c. Moist Air transport properties presentation (Prof. Matthias Kunick)
10. Standards Subcommittee (Roy Crawford)
 - a. SPC 213P Moist Air Thermodynamic Properties
10. Webmaster (almost Matthew Robinson)
11. MTG Liaison: Low GWP Refrigerants (Rite -Liaison, Sankar Padhmanabhan –Alt#1)
12. Chair Comments (Rite)
13. New Business
 - a. Roster: We need new voting members and a vice chair
 - b. Understanding Psychrometrics, 3rd Edition: Question on “fog” region from member
14. Next meeting: Monday, 24 June 2024, 1:00-3:00 PM EDT, Indianapolis, IN
15. Adjourn

VOTING MEMBERS AS OF 7/1/23

ROLLING OFF 6/30/24

Ray Rite (Chair)	Andy Hjortland (Secretary)	SA Sherif	Hongmei Liang
Sebastian Herrmann (NQ)	Riad Assaf (NQ) Handbook		

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ROLLING ON 7/1/24

Harshad Inamdar (Chair) 26	Andy Hjortland (Secretary) 27	SA Sherif 27	Hongmei Liang 27
Sebastian Herrmann (NQ) 27	Riad Assaf (NQ) Handbook 27		