



Technical Committee 3.2 – Refrigerant System Chemistry and Contaminant Control

Agenda - Winter Conference 2024 Chicago (Hybrid)

Tuesday, January 23rd – 3:30 to 6:00 pm (CST) Marriott Marquis Chicago, Anthropology (2)

Information provided below for virtual attendees

Name	Affiliation	Voting Member
Julie Majurin – Chair	Daikin	Yes
Morgan Leehey - Vice Chair	Trane Technologies	Yes
Steve Kujak – Secretary	Trane Technologies	No
Casey Scruggs – Research	Trane Technologies	No
Shelby Kent – Programs	Shrieve	No
Ivan Rydkin – Handbook	Daikin	No
Sheli Porter – Standards	Stellar Laboratories	Yes
Dave Vincent – Webmaster	BVA	Yes
Greg Smith	Honeywell	Yes
Raymond Drost	Calumet	Yes
Brad Boggess	Emerson	Yes
Justin Allemann	Parker Hannifin	Yes
Bob Low	Koura	Yes MNQ
Ed Hessell	Lanxess	Yes
Chris Campo	Shrieve	Yes
Marc Scancarello - MTG Low GWP	Emerson	No
Rashid Zakeri – MTG Sustainable RAC	Circle Proscio	No

Virtual Meetings and Conference Log-in Information

TC 3.2 Meeting (Hybrid) – January 23rd, 2024 3:30 pm – 6:00 pm (CST) Link for Virtual Attendees;

[Link to Web Meeting](#)

Additional details if needed or Join via Phone– Meeting Number Meeting number: 2332 127 6027;

Password: wXBNHfv5Z84; Join by phone 18662994153 United States of America Toll Free;

+14702385742 US Toll; Access code: 2332 127 6027

Combined TC 3 Research and Program Virtual Meeting – January 9th, 2024 1:00 pm – 3:00 pm (CST) Link for Attendees:

[Link to Web Meeting](#)

Additional details if needed or Join via Phone– Meeting Number 2346 187 1968; Password

VAhrHJ9pU62; Join by phone +14702385742 US Toll; Access code: 2346 187 1968

The schedule of all virtual meetings, technical programs and other meetings can be found at

[ASHRAE 2024 Winter Conference Schedule](#)

- 1.) Call to Order (**Julie Majurin**)
 - Virtual conference housekeeping
 - Introduction of members and guests
 - Meeting Sign-in
- 2.) ASHRAE Code of Conduct - <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>
- 3.) Confirmation of Quorum (**Julie Majurin**)
- 4.) Approval of TC 3.2 2024 Winter Conference Hybrid Meeting Agenda (**Julie Majurin**)
- 5.) Approval of TC 3.2 2023 Annual Conference Hybrid Meeting Minutes (**Julie Majurin**)
- 6.) Report of TC Chair's Breakfast Meeting (**Julie Majurin**)
- 7.) Liaison Comments (may be adjusted to accommodate the Liaisons' schedules)
- 8.) Subcommittee Reports

Programs (Shelby Kent)

TC 3 Combined Programs Web Meeting on January 9th, 1:00-3:00pm CST

Review of Sponsored, Co-sponsored or programs of interest for this meeting

Co-sponsor: AHR Expo Session 6: Role of Lubricant Operation and Stability for Low GWP

Refrigerants: Tuesday, January 23rd, 12:00-1:30 pm CST

Location: McCormick Place South, 4, S402a

- Update from Program Subcommittee Meeting.
- Timeline for program submission
- Programs Ideas and Discussion of Future Programs:
 - Indianapolis Summer 2024
 - Orlando Winter 2025

Handbook (Ivan Rydkin)

- Updates on Handbook activities and meetings – Committee volunteers for 2026 Handbook
- Chapter 6 *Refrigerant System Chemistry*
- Chapter 7 *Control of Moisture and Other Contaminants in Refrigerant Systems*

Standards (Sheli Porter)

Updates:

- **GPC 38** “*Metal Pressure Vessel Testing to Test Materials Used with Refrigeration Systems*”
- **SPC 97** “*Sealed Glass Tube Method to Test Chemical Stability of Materials for Use Within Refrigerant Systems*”
- **SPC 35** “*Method of Testing Desiccants for Refrigerant Drying*”
- **SPC 63.2** “*Method of Testing Liquid Line Filter Drier Filtration Capacity*”
- **SPC 78** “*Method of Testing Flow Capacity of Suction Line Filters and Filter Driers*”
- **SPC 219** “*Method of Testing Acid Filters*”
- **New Ideas for standards or guidelines**

Research (Casey Scruggs)

TC 3 Combined Programs Web Meeting on January 9th, 1:00-3:00pm CST

Current Research Activities Updates:

- **RTAR 1856** – “*Determine the Effect and Allowable Limits of Moisture and Contaminants in CO₂ Systems*”
- **RTAR 1886** – “*Kinetic and Mechanistic Studies of the Breakdown of HFO Refrigerants*”
- Update from Research Subcommittee Meeting
- Review discussion/ideas from Tampa
- Others – Any research needs and gaps from review of Handbook Chapters
- Future Research needs and New Research ideas

Webmaster (Dave Vincent)

Website Update

9.) MTG Lower GWP Refrigerants TC 3.2 and TC 3.4 (**Marc Scancarello**)

Update: Recent activity

10.) MTG Sustainable RAC (**Rashid Zakeri**)

Update: Recent activity

11.) Membership (**Julie Majurin**)

- Review committee members and leadership

Roster: Anyone interested in becoming a corresponding member please go to the ASHRAE website and join as a Provisional Member:

12.) Old Business (**Julie Majurin**)

13.) New Business (**Julie Majurin**)

14.) Adjournment