



Technical Committee 3.2 – Refrigerant System Chemistry and Contaminant Control

Agenda - Winter Conference 2025 Orlando

Tuesday, February 11th – 3:30 to 6:00 pm (EST) Hilton Orlando, Key West A (Lower Level)

Name	Affiliation	Voting Member
Julie Majurin – Chair (2025)	Daikin	Yes
Morgan Leehey - Vice Chair (2027)	Trane Technologies	Yes
Amy Shifflett – Secretary (2028)	CPI Fluid Engineering	Yes
Casey Scruggs – Research	Metalloid	No
Shelby Kent – Programs	Shrieve	No
Andrea Hernandez Irias – Handbook	Metalloid	No
Sheli Porter – Standards (2025)	Stellar Laboratories	Yes
Dave Vincent – Webmaster (2026)	BVA	Yes
Joe Karnaz (2028)	Shrieve	Yes
Rosine Rohatgi (2028)	Spauschus	Yes
Raymond Drost (2027)	Calumet	Yes
Brad Boggess (2025)	Emerson	Yes
Bob Low (2026)	Koura	Yes MNQ
Ed Hessell (2025)	Lanxess	Yes
Rashid Zakeri – MTG RAC	Circle Proscio	No

Combined TC 3 Research and Program Virtual Meeting will be held on January 28, 2025
2:00 pm – 4:00 pm (EST) (listed in the Program as TC 3.x Joint Research Meeting)

The schedule of all committee meetings and events can be found at
[ASHRAE 2025 Winter Conference Schedule](#)

1. Call to Order (**Julie Majurin**)

- 1.1. Meeting Sign-in
- 1.2. ASHRAE Value Statement

In 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 shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.

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

Core Values - <https://www.ashrae.org/about/ashrae-s-core-values>

Diversity Statement - <https://www.ashrae.org/about/diversity-equity-and-inclusion-dei>

1.3. Introduction of Members and Guests (**Julie Majurin**)

2. Confirmation of Quorum (**Julie Majurin**)

3. Roster Changes (**Julie Majurin**)

The roster will be updated after this meeting, for the term beginning July 1, 2025. Four members' terms end in 2025. If you are interested in becoming a voting member, please speak with the chair.

If you are interested in becoming a corresponding member, please go to the ASHRAE website and join as a Provisional Member.

4. Approval of TC 3.2 2025 Winter Conference Meeting Agenda (**Morgan Herried**)

5. Approval of TC 3.2 2024 Annual Conference Hybrid Meeting Minutes (**Morgan Herried**)

6. Report of TC Chair's Breakfast Meeting (**Morgan Herried**)

7. Liaison Comments (may be adjusted to accommodate the Liaisons' schedules)

Dr. Zheng O'Neill – Research Liaison

Drake Erbe – Handbook Liaison

Tina Brueckner – Section Head

8. Subcommittee Reports

8.1. Programs (Shelby Kent)

- TC 3 Combined Programs Web Meeting Report
- Review of Sponsored, Co-sponsored or programs of interest for this meeting
- Timeline for program submission
- Programs Ideas and Discussion of Future Programs:
 - o Phoenix Summer 2025
 - o Las Vegas Winter 2026

8.2. Handbook (Andrea Hernandez Irias)

- Updates on Handbook activities and meetings – Chapters for the 2026 Refrigeration handbook must be completed by June 2025 – **we need volunteers**
- Chapter 6 *Refrigerant System Chemistry*
- Chapter 7 *Control of Moisture and Other Contaminants in Refrigerant Systems*

8.3. Standards (Sheli Porter)

- Updates:

GPC 38	<i>Metal Pressure Vessel Testing to Test Materials Used with Refrigeration Systems</i>
SPC 97	<i>Sealed Glass Tube Method to Test Chemical Stability of Materials for Use Within Ref Systems</i>
SPC 35	<i>Method of Testing Desiccants for Refrigerant Drying</i>
SPC 63.2	<i>Method of Testing Liquid Line Filter Drier Filtration Capacity</i>
SPC 78	<i>Method of Testing Flow Capacity of Suction Line Filters and Filter Driers</i>
SPC 219	<i>Method of Testing Acid Filters</i>

- New Ideas for standards or guidelines

8.4. Research (Casey Scruggs)

- TC 3 Combined Research Web Meeting Report
- Current Research Activities Updates:
 - o **RTAR 1856** – *“Determine the Effect and Allowable Limits of Moisture and Contaminants in CO₂ Systems”*
 - o **RTAR 1886** – *“Kinetic and Mechanistic Studies of the Breakdown of HFO Refrigerants”*
- Others – Any research needs and gaps from review of Handbook Chapters
- Future Research needs and New Research ideas

9. Webmaster (Dave Vincent)

Website Update

10. MTG Low GWP: TC 3.2 currently doesn't have a representative

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

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

13. Adjournment