



ASHRAE American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

Technical Committee 3.2 – Refrigerant System Chemistry and Contaminant Control

Agenda Winter Virtual Conference 2021

Tuesday January 26th, 2021 – 3:30 to 6:00 pm (EST)

Log in information provided below

Name	Affiliation
Voting Members	
Joe Karnaz - Chair	Shrieve
Elyse Sorenson - Vice Chair	Trane
Steven Baker - Secretary	Emerson
Rob Yost - Standards	National Refrigerants
Greg Smith - Handbook	Honeywell
Ivan Rydkin - Handbook	Daikin
Dave Vincent - Webmaster	BVA
Julie Majurin	AHRI
Casey Scuggs	Metalloid
Roberto Urrego	Lanxess
Rosine Rohatgi	Spauschus
Jian Sun-Blanks	Chemours
Danny Haleb	NTHALP Engineering
Sarah Kim	Arkema
Justin Allemann	Parker Hannifin
John Senediak	Intertek
Valerie Lisi	Carrier
Non-Voting Members	
Brad Boggess - Programs	Emerson
Tony Barthel - Research	CPI
Marc Scancarello - MTG Low GWP	Emerson
Chris Campo - ALI	Shrieve

Virtual Meetings and Conference Log-in Information

TC 3.2 Meeting – January 26th, 2021 3:30 pm – 6:00 pm (EST)

Link for Attendees: <https://ashrae-org.zoom.us/j/93448461508?pwd=aVhKZlVvaThRtc3d2eU4vcUp6aVByQT09>

TC 3 Combined Research Meeting – January 25th, 2021 10:00 am – 11:00 am (EST)

Link for Attendees: <https://ashrae-org.zoom.us/j/97365516438?pwd=RldTSDFQUTl5Ymg0MHJNSUsxWWswZz09>

TC 3 Combined Programs Meeting – January 25th, 2021 11:00 am – 12:00 pm (EST)

Link for Attendees: <https://ashrae-org.zoom.us/j/95067914863?pwd=SXZReURsejdjVG4zcjArMzJlMi9iQT09>

The full schedule of all virtual committee meetings can be found on the [conference website](#) by clicking the “Full Schedule” green button

Virtual Conference February 9th – 11th Registration is open at ashrae.org/2021winter

- 1.) Call to Order (**Joe Karnaz**)
 - Web meeting Introduction and Details
- 2.) ASHRAE Code of Conduct - <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>
- 3.) Confirmation of Quorum (**Joe Karnaz/Steve Baker**)
- 4.) Approval of Agenda (**Joe Karnaz**)
- 5.) Approval of 2020 Annual Virtual Meeting Minutes (**Joe Karnaz**)
- 6.) Report of TC Chair's Breakfast Virtual Meeting (**Joe Karnaz**)
- 7.) Liaison Comments (may be adjusted to accommodate the Liaison's schedule)
- 8.) Subcommittee Reports

Programs (**Brad Boggess**)

TC 3 Combined Programs Meeting on January 25th from 11am to 12pm EST

Review of Sponsored, Co-sponsored or programs of interest

2021 Winter Virtual Meeting Sponsored by TC 3.2

- Seminar 43: Current Understanding and Gaps of Stability and Compatibility of Low GWP Refrigerants – Chair Brad Boggess; Speakers – Rosine Rohatgi, Xudong Wang, Joe Karnaz
This is an on-demand session.

Others:

TC 3.4 – Seminar 8: Lubricant Properties and Their Lubrication in Compressors with Low GWP Refrigerants. *This is a Live session.*

TC 3.1 – Seminar 57: Hot Topics for Secondary Coolants (Brines). *This is an on-demand session.*

- Update from Program Subcommittee Meeting.
- Discussion of Future Programs:
 - o Phoenix Annual 2021
 - o Las Vegas Winter 2022
 - o Toronto Annual 2022

Handbook (**Greg Smith and Ivan Rydkin**)

- Updates on Handbook activities and meetings
- Chapter 6 *Refrigerant System Chemistry* – **Greg Smith**
- Chapter 7 *Control of Moisture and Other Contaminants in Refrigerant Systems* – **Ivan Rydkin**

Standards (**Rob Yost**)

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 (Tony Barthel)

TC 3 Combined Research Meeting on January 25th from 10am to 11am EST

Updates:

- **RTAR 1886** – “Kinetic and Mechanistic Studies of the Breakdown of HFO Refrigerants”
- **RTAR 1897** – “HFO Refrigerant Compatibility with AGED Lubricants and Contaminants”
- **WS 1790** – “Distribution of Water between Vapor and Liquid Phases of Low GWP Refrigerants”
- **RTAR 1856** – “Determine the Effect and Allowable Limits of Moisture and Contaminants in CO₂ Systems”
- Others
- Update from Research Subcommittee Meeting
- Future Research needs and New Research ideas

Webmaster (Dave Vincent)

Website Update

9.) MTG Lower GWP Refrigerants (**Marc Scancarello**)

Update: Recent activity

10.) Membership (**Joe Karnaz**)

- Rollover Roster Discussion
- Merger of TC 3.2 and TC 3.3 Rosters and Housekeeping

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

11.) Old Business (**Joe Karnaz**)

- Discussion on subcommittee vice-chair positions

12.) New Business (**Joe Karnaz**)

13.) Adjournment