



1791 Tullie Circle, N.E./Atlanta, GA 30329

404-636-8400

DRAFT

TC/TG/MTG/TRG MINUTES COVER SHEET

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. 8.8 DATE 1-31-2022

TC/TG/MTG/TRG TITLE Refrigerant System Controls and Accessories

DATE OF MEETING 1-31-2022 LOCATION Hybrid, Las Vegas (in person)

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Glen Steinkoenig (VM)	2019	Duane Wolf (VM)	2020	Praveen Dhillon
Michael Ditello (VM)	2020	Everardo Cano (VM)	2021	
Christian Bach (VM)	2019			
Nicholas Zupp (VM)	2018			
Robert Jones (CM)				
Robert Bittle (VM)	2021			
Vance Payne (CM)				
Kirk Stifle (CM)				
Matthew Spaunhorst (CM)				

DISTRIBUTION: All Members of TC/TG/MTG/TRG plus the following:

TAC Section Head: Kevin Mercer	SH8@ashrae.net
Committee Liaisons: James Bochat – EDUC Dr. Christopher Seeton – Research Liaison Dr. Srinivas Katipamula – Standard Liaison Steven Hammerling – Staff Liaison	Emails per roster
Mike Vaughn, Manager Of Research & Technical Services	MORTS@ashrae.net

At 1:00 PM the meeting was brought to order by the Chair. Technical Committee (TC) 8.8 Title, Purpose, and Scope as well as ASHRAE Code of Ethics was well covered.

Voting member roll call completed for Quorum evaluation.
5 of 7 Voting Members present, Quorum established

Liaison Reports

- a. None

Approval of Winter 2021 Meeting Minutes (Virtual)

Motion for approving minutes as written:

- a. Dr. Bittle motioned
- b. Mr. Zupp seconded
- c. **Vote: 5-0-0-2** (Approved-Rejected-Abstained-Missing), Chair voting

Next Meeting in Atlanta (look up dates)

1. Planned in person, virtual option available going forward for remote attendance
2. 8 tracks
3. Friday June 18, 2021 Program proposals open

TC Chair breakfast discussed by Chair (see file provided)

- a. Need to make TC meetings more exciting to promote recruiting and succession planning.
- b. Need to create more balance = more equipment manufacturers recommended

Subcommittee Reports

1. Handbook – Mr. Kirk Stifle
 - a. Update completed
2. Working on a new section for Ejectors (Elbel and Lawrence)
 - a. Not yet complete although quite extensive
 - b. Will be released upon completion to the Handbook electronic version after TC vote
 - i. Interim submission
3. Membership Mr. Bach
 - a. www.ashrae.org/joinatc to join TC 8.8 as a Provisional Corresponding Member
 - b. Roster Changes
 - i. Mr. Zupp rolls off after the 2022 Annual Mtg.
 - ii. Mr. Payne proposed as replacement.
 - iii. Requested all members to work with their contacts to gain more members.

Name and Status	Year Appointed	Year Roll-Off
Christian Bach, Chair, VM	2019	2023
Michael Ditello, Vice Chair, VM	2020	2024
Glen Steinkoenig, Secretary, VM	2019	2023
Duane Wolf, Program, VM	2020	2024
Robert Bittle, Research, VM	2021	2025

Everardo Cano VM	2021	2025
Nicholas Zupp, VM	2018	2022
Kirk Stifle, Handbook, NV		
Vance Payne, Webmaster, Standards, NV		

4. Website – Mr. Vance Payne
 - a. Website is completely current.
 - b. Vance Payne volunteered to remain Webmaster.

5. Research – Christian Bach (for Mr. Bittle)
 - a. Awaiting a TC 8.4 RTAR for TEV/Evaporator Interaction testing
 - i. Never received so dropped from TC 8.8 Research Plan.
 - b. RTAR in development for research on correlation factors (for Handbook) for orifice tubes and cap tubes
 - i. Co-sponsoring TC's
 1. TC 8.11, 10.6, and 10.7 voted to co-sponsor
 - ii. **TC Vote for approval of the RTAR as provided to the TC:**
 1. Motion to approve: Mr. Bittle
 2. Second: Mr. Ditello
 3. **Vote: 5-0-0-2 (For/Against/Abstain/Missing)**
 - b. RTAR for Heat transfer losses in 4-way reversing valves
 - i. RTAR draft in process (Mr Wolf initially drafted.) Mr. Bach, Mr. Zupp and Mr. Ditello will assist with drafting.
 - ii. Target purpose is to make systems more energy efficient and that is in ASHRAE's best interest
 - iii. Stephen Elbel (CTS) would assist with submission

6. Standards – Vance Payne
 - a. Standard 17 – MOT TEV
 - i. Draft under revision by Standard Project Committee (SPC)
 1. Out for public review in January
 2. Awaiting feedback
 - 3.
 - ii. Next step is SPC vote
 - iii. Then release for Public Review through ASHRAE
 - b. Standard 28 MOT Flow Capacity Cap Tubes
 - i. No activity needed
 - c. Std 153 – MOT of Four-way valves
 - i. No activity needed
 - d. Std 158.1 MOT Capacity of Refrigerant Solenoid Valves
 - i. No activity needed
 - e. Std 158.2 MOT Capacity of Pressure Regulating Valves
 - i. Awaiting ASHRAE SPC formation
 - ii. Team began revisions.
 - iii. First draft completed.
 - iv. Completing draft for SPC approval

7. Program – Mr. Bach
 - a. Seminar 13: Expansion Device 101: What Options Are There and Which One to Choose?
 - i. The seminar was well attended and well presented.
 - b. No other programs determined at this time.

8. Old Business

- a. After discussion, a poll of the TC indicated no interest in combining TC with any other TC.

9. New Business

Motion to Adjourn

- a. Mr. Payne motion
- b. Mr. Zupp seconded
- a. **Vote: 5-0-0-2 (For/Against/Abstain/Missing)**

Note: These draft minutes have not been approved and not the official, approved record until approved by the TC.