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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. TC8.08 DATE January 28, 2017

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

DATE OF MEETING Tuesday, January 31, 2017 LOCATION Las Vegas, Nevada Forum 6, Pool Level

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Mr Duane A Wolf, PE	CVM 2000	Mr Don Schuster	VCVM 2016	Eric Chen
Mr Kirk Stifle, PE	HBVM 2016	Mr Matthew I Wood	VM 2015	
Prof Robert R Bittle	RVM 2016	Mr Danny M Halel	NQM 2014	
Dr Vance Payne, PhD	SVM 2015	Mr Richie Mohan	VM 2013	
Mr Michael D Ditello	VM 2015			
Mr Robert A Jones, PE	CM 1999	Mr Stuart L Dill PE	PCM 2016	
Mr David Scott Frey	CM 2009	Brandon Lane	PCM 2016	
Brenna Keely Manning	PCM 2016	Mr Charlie Souhrada	PCM 2017	
Dr Christian Konrad Ludwig Bach	CM 2015			
Mr Wendell Cornetet, III,	CM 2014			
		Pradeep Kumar Bansal, PhD, Mr Thomas M Bourquin, Mr Mohsen Farzad, Mr Arthur P Garbarino, Prof Nick Griewahn, Mr James L Jansen, PE, Mr Ben J Johnson, Mr Peter G Malone, Mr Hans Ole Matthiesen, , Dr Bryan P Rasmussen, Matthew Spaunhorst, Mr Jeffrey A Staub, Mr William E Tinsley, Ms Jing Zheng, Mr Nicholas G Zupp	CM	

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

TAC Section Head: Mr Dustin Eric Jason Meredith, PE	SH8@ashrae.net
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.) Mr Michael R Vaughn, Mr James Dale Aswegan, Mr E Curtis Eichelberger, Jr, Prof Roberto R Aguilo, PE, Mr Joseph E Sanders, Mr James W Bochat, Mr Dustin Eric Jason Meredith, PE, Mr Michael R Bilderbeck.	mbilderbeck@pickeringfirm.com, dmeredith@trane.com, jim.bochat@cxconcepts.com, jsanders@rbakins.com, rraguilo@yahoo.com, curtis.eichelberger@jci.com, jaswegan@titus- hvac.com, <u>MORTS@ashrae.net</u> .
Mike Vaughn, Manager Of Research & Technical Services	MORTS@ashrae.net

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

Draft Minutes
ASHRAE TECHNICAL COMMITTEE 8.08
Refrigerant System Controls and Accessories
Meeting in Las Vegas, Nevada
Tuesday, January 31, 2017, Caesars Palace Forum 6, Pool Level.

I. Welcome and Introductions, See the attached sign-in sheet.

Duane Wolf called the meeting to order at 1pm

II. For Your Information: Scope

TC 8.08 is concerned with refrigerant flow controls and other refrigerant devices, including relief devices, check valves, condenser water regulators, and oil separators.

III. ASHRAE Code of Ethics, Duane Wolf provided the TC Chairs report which recommended review of the ASHRAE Code of Ethics.

- a. As members of ASHRAE or participants in ASHRAE committees, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

IV. Attendance and Quorum (6 Voting Members on the Roster)

Name and Status	Year Appointed	Year Roll-Off
Duane Wolf, Chair, VM	2016	2018
Don Schuster, Vice Chair, VM	2016	2018
Matthew Wood, Secretary, VM	2015	2019
Robert Bittle, Research, VM	2016	2020
Michael Ditello, VM	2015	2019
Richie Mohan, VM	2013	2017
Danny Halel, VM-NQ	2014	
Vance Payne, Webmaster, Standards, CM	2015	
Kirk Stifle, Handbook, CM	2016	

The meeting was one person was short of the required 4 members for form a quorum. Voting members, Duane Wolf, Bob Bittle, Michael Ditello, were present.

Don Ficke Handbook Liaison, provided an update for the Handbook.

V. Approval of Minutes from Saint Louis meeting.

The approval of the minutes was postponed.

VI. Report from the TC Chairs meeting

- a. Joe Huber received the ASHRAE Research award.
- b. New MTG formed since STL with the topic of Air Change Rate.
- c. TC websites are now uniform with an updated template, more user friendly.
- d. ASHRAE is rating each Handbook chapter with a rating, 0 – to – 5 with a zero to identify no changes and a 5 to identify major changes.
- e. Dustin Merideth, Section Head offered assistance with the Chapter.

VII. Subcommittee Reports

- f. Kirk Stifle – Handbook
 - a. Encouraged updates to the chapters.
 - b. There is a new portal to the Handbook. Log in with the ASHRAE login. It keeps track of member updates. Need to have the voting members review the chapter and vote before Long Beach.
 - c. We need to vote on the Chapter in Long Beach.
 - d. The TC8.8 25 year average score of 1.67 was one of the higher average ratings.
- b. Membership – New roster and officers
Reviewed membership and discussed options.
- c. Programs – Robert Bittle
Discussed program ideas.
- d. Website – Vance Payne
Vance will get the posted minutes up to date. He will update the last two sets of minutes.
- e. Research – Robert Bittle/Duane Wolf
Discussed research ideas.
- f. Standards – Vance Payne
 - i. Standard 17: MOT of thermostatic refrigerant expansion valves
No Change.
 - ii. Standard 28: MOT flow capacity of refrigerant capillary tubes – Duane Wolf
Working on a membership balance. Wolverine still makes tube. Currently have 4 general and 2 users and 0 manufacturers. Required changes are all editorial, updates to references. No major changes.
 - iii. Standard 153: MOT capacity rating of four-way reversing valves.
No Change.
 - iv. Standard 158.1: MOT capacity rating of refrigerant solenoid valves– Kirk Stifle
Walked through the revisions. There were a couple of changes.
 - v. Standard 158.2: MOT capacity rating of refrigerant pressure regulating valves– Kirk Stifle
Voted to send to the TC for review as is, no changes to the draft.
Vance will send out a letter ballot.

VIII. Old or New Business.

No Old or New Business was brought up.

IX. Open Discussion

No open discussion.

X. Adjournment.

Meeting was adjourned at 1:30pm.

ASHRAE 2017 Winter Conference – Las Vegas, NV

TC 8.08 Refrigerant System Controls & Accessories Sign-In Sheet

January 31, 2017

Name	E-Mail Address	Committee Member? (VM, CM, Guest)	Position
Duane A. Wolf	duane.a.wolf@q.com	VM	Chair
Brenna Manning	Brenna.Manning@krc.com	CM	N/A
Mike Ditello	Mike.Ditello@ Sachwaiba.com	VM	N/A
WENDELL CORNETT	WENDELL.CORNETT@SANTHUUSA.COM		N/A
Eric Chen	e.chen@ahrinet.org	Guest	N/A
BOB JONES	BOB.JONES@ PHILHERB.COM	CM	ACTING SEC.
BIRS STIFLE	KSTIFLE@FUJIKOKI.COM	CM	HANDBOOK
Scott Frey	Sfrey@fujikoki.com	CM	N/A
Robert Pittle	r.pittle@tcu.edu	VM	Research: Program
Vance Payne	Vance.Payne@nist.gov	CM	Stds; Webster
Christian Baas	chad@deslak.edu	CM	