

AGENDA
ASHRAE TECHNICAL COMMITTEE 8.08
Refrigerant System Controls and Accessories
Meeting in Marriott St. Louis Grand Hotel, RM: 241, St. Louis MO
Tuesday, June 28, 2016

- I. Welcome and Introduction
 Donald Fenton (Chair of Refrigeration Handbook) introduced himself and gave an update on what the status of the handbook chapter should be
 Dustin (TC 8.X head introduced himself midway through the subcommittee reports)
- II. 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. Attendance and Quorum (7 Voting Members on the Roster)

Name and Status	Year Appointed	Year Roll-Off	Attendance
Kirk Stifle, Chair, Handbook, VM	2014	2016	Present
Duane Wolf, Vice Chair, Research, VM	2013	2017	Present
Danny Halel, VM, non-quorum	2014	2018	Absent
Michael Ditello, VM	2015	2019	Present (Web)
Richie Mohan, VM	2013	2017	Present
Don Schuster, VM	2014	2018	Present
Matthew Wood, Secretary, VM	2015	2019	Present
Robert Bittle, Program	2014	2018	Absent
Vance Payne, Standards, Webmaster	2014	2018	Absent
Robert Jones, CM			Present

- IV. Approval of Minutes from Orlando meeting
 Minutes approved 4-0-1 (Richie Mohan Motioned and Matt W. second)
- V. Report from the TC Chairs meeting
- VI. Subcommittee Reports
 - a. Handbook – Kirk Stifle
 - a. Needs to be voted out of this TC by Long Beach. The online portal for handbook updates only works with IE.
 - b. Membership – Roster and officers, Kirk Stifle
 - a. See Appendix I
 - c. Programs – Robert Bittle
 - a. Robert was not present. Mr. Stifle gave the update that we do not have any programs. The next chance to have a program would probably be Long Beach unless we do something simple like a forum or a workshop.
 - d. Website – Vance Payne
 - a. Vance not in attendance. Most of minutes are posted.
 - e. Research – Duane Wolf

- a. Duance Wolf is starting to sketch out a cap tube research project as a supplement to research done years ago. Looking at 4-5 refrigerants to do to complement his 152a work.
- b. Christian Bach spoke about creating a dynamic model of a TEV. He wants to come up with a model to predict what charge would be necessary. Looking at an empirical model (believes it would be too difficult to develop an analytical model). Duane Wolf to help with an RTAR submission. Kirk mentioned that ASHRAE is focusing on residential AC, so a proposal like this could be viable.
- f. Standards – Vance Payne (K. Stifle gave update in Vance’s absence)
 - i. Standard 17: MOT of thermostatic refrigerant expansion valves (released in 2015)
 - ii. Standard 28: MOT flow capacity of refrigerant capillary tubes
Duane Wolf gave the update that they met on Sunday and they were moving forward (got their text completed), but have a balance issue on the committee. They need a producer of cap tubes and could use another user.
 - iii. Standard 153: MOT capacity rating of four-way reversing valves (released in 2015)
 - iv. Standard 158.1: MOT capacity rating of refrigerant solenoid valves
Kirk gave the update that he sent out a markup to the committee last week. They added a whole new section to the specification (adding an additional test requirement).
 - v. Standard 158.2: MOT capacity rating of refrigerant pressure regulating valves
Kirk gave the update that he needed to get some things done to bring it to a vote before it comes to a vote
 - vi. Richie Mohan gave update on AHRI standard 750. It is available on their website. They will reopen them at the end of next year (starting with solenoid valves). They have a standard number in place. They will be using 750 and 760 to be the basis of the development of the standard. John Whithouse also gave the update that they will probably use the TEV standard as a basis of the standard. Most work will start later this year.

VII. Old or New Business

None

VIII. Open Discussion

None

IX. Adjournment

Motion by Don Schuster to adjourn and Matt Wood Second

Appendix I

Table A.1: Roster

Name	Title
Wolf, Duane	Chair
Schuster, Don	Vice Chair
Wood, Matthew	Secretary
Stifle, Kirk	Hndbk Subcom Chair
Bittle, Robert	Resrch Subcom Chair
Payne, W	Stds Subcom Chair
Halel, Danny	MNQ
Ditello, Michael	Member
Mohan, Richie	Member
Dill, Stuart	Pro CM
Lane, Brandon	Pro CM
Manning, Brenna	Pro CM
Zimmermann, Augusto	Pro CM
Bach, Christian	Corresponding Member
Bansal, Pradeep	Corresponding Member
Bourquin, Thomas	Corresponding Member
Cornetet, Wendell	Corresponding Member
Farzad, Mohsen	Corresponding Member
Frey, David	Corresponding Member
Garbarino, Arthur	Corresponding Member
Griewahn, Nick	Corresponding Member
Jansen, James	Corresponding Member
Johnson, Ben	Corresponding Member
Jones, Robert	Corresponding Member
Malone, Peter	Corresponding Member

Table A.2: Meeting Sign-In Sheet

TC/TG/TRG Meeting Sign-In Sheet - TC8.8

Winter
 Annual
 St. Louis 2016 Meeting

Name	Comm Membr? Y/N	Position	Phone	Fax	Email	Company
KIRK STIFLE	Y	Chair	214-331-7492		KSTIFLE@FUSIKOKI.COM	FUSIKOKI AMERICA
Matt Wood		Sec.	636-288-2111		matthew.wood@parker.com	Parker-Sportlan
Brenna Manning	Y	member	614-433-7373		Brenna.manning@irco.com	Ingersoll Rand
Scott Munns	N	guest	608-769-4582		smunns@irco.com	Ingersoll Rand
Don Fenton	N	HB Lia.	785-532-2322		fenton@ksu.edu	Kansas State U.
BOB JONES	CM	CM	636-392-3294	-	BOB.JONES@HARBOR.COM	SPORLAN
Christian Bach	N	guest	405-744-5916	-	cbach@okstate.edu	Oklahoma State University
RKNE MOHAI	Y	Member	703-727-0405	-	r.mohai@chinaenergy.com	AHRI
John Wittmore	X		636-312-3395		john.wittmore@parker.com	Parker
DUANE WOLF	Y	member	515-520-9585		duane.a.wolf@gs.com	WOLF ENR
Scott Frey	CM	CM				
Brandon Lane	PM		717-664-9396		brandon.lane@card.com	CAREL
Don Schuster	Y		903-730-4543		don.schuster@irco.com	Ingersoll Rand
JEFF WARTNER	GUEST		317-837-4217		jeff.warther@danfoss.com	DANFOSS
Jeffrey Staub						
Mike Ditello						

[Web Meeting Attendees]