

DRAFT MINUTES
ASHRAE TECHNICAL COMMITTEE 8.08
Refrigerant System Controls and Accessories
Meeting in Dallas, Texas
Tuesday, January 29, 2013

TC 8.08 Refrigerant System Controls & Accessories (10/10) Tuesday 1:00-3:30p Trinity 4 (H3)
 TC 8.08 Program, Research, Handbook (10/5) Monday 2:15-4:15p Trinity 3 (H3)

Meeting was called to order by TC 8.08 Chairman, Bob Jones, PE, at 1:10 pm.

I. Welcome and Introductions given by all in attendance. See attached sign-in sheet.

II. The Scope of TC8.08 was presented:

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 (6-7 Voting Members on the Roster): Quorum established with 4 of 6 voting members present.

Attendance Y/n	Name and Status	Year Appointed	Year Roll-Off
Y	Bob Jones, Chair, VM	2012	2016
n	Frederic Colsoul, Vice Chair, VM	2010	2013
Y	Robert Bittle, Program, VM	2010	2014
Y	Duane Wolf, Research, NV	2012	--
Y	Kirk Stifle, Handbook, VM	2011	2015
Y	Vance Payne, Webmaster, Standards, VM	2011	2015
Y	Scott Frey, Secretary, NV	2011	--
n	Dr Mohsen Farzad, ALI Coord, NV	2008	--
n	Charissa Garcia, VM	2012	2016
n	Dr Pradeep Kumar Bansal NQVM	2010	2014

Additional attendance:

- a. Steve Duda, PE, Section 8 Head
- b. Rick Larson, Standards Liaison
- c. See sign-in sheet

IV. Robert Bittle moved to approve the minutes from last Summer's San Antonio meeting. Vance Payne seconded the motion. Motion carried, 4-0-0.

V. Report from the TC Chairs meeting:

- a. Bob will email detailed notes to the attendees and entire committee.
- b. Highlights from the meeting included:
 - i. Recognition of the ASHRAE code of ethics
 - ii. Members should update their biographical information online at ASHRAE

- iii. Refrigeration commissioning guide draft has been sent out for review
- iv. Announced TC Chair training, Sunday afternoon mixer
- c. TAC Section 8 Head, Stephen Duda, stopped by to check in with the committee:
 - i. He is here to help and welcomes any questions someone may have
 - ii. There is a 20 minute PowerPoint presentation available, Intro to TCs, that can be shown to local chapters to encourage national involvement

VI. Subcommittee Reports

- a. Kirk Stifle – Handbook
 - i. The Refrigeration Handbook Chapter 11 is ready for the 2014 issue. Kirk sent draft to voting members, recommended that it's ready except for a couple of editorial changes he is proposing. Feedback from Vance Payne and Bob Jones affirmed Kirk's conclusion. Vance Payne moved we approve the chapter, Robert Bittle seconded the motion, and it passed the committee on a 4-0-0 vote. It was noted that the next Refrigeration Handbook issue, 2018, will need to have the design charts updated for the new low GWP refrigerants (such as HFOs) coming into wide industrial use.
- b. Membership – Roster update
 - i. Bob Jones requested volunteers for voting members
 - ii. Duane Wolf will become a voting member, replacing Frederic Colsoul, after the Denver meeting next summer
 - iii. Mr. Richie Mohan at AHRI will replace Ms. Charissa Garcia as a voting member. This is considered an emergency replacement, and Steve Duda (Section 8 Head) indicated he would help Bob Jones expedite this change.
 - iv. Bob Jones will update roster with new corresponding members
- c. Programs – Robert Bittle
 - i. Robert Bittle will complete the paperwork requesting a forum in Denver entitled "Expansion device options for replacement refrigerants". The information gathered in this forum will provide background information in preparation for the Refrigeration Handbook Chapter 11 updates to design procedures. A motion was made by Vance Payne, seconded by Kirk Stifle, to pursue the Forum in Denver. The motion passed 4-0-0.
- d. Website – Vance Payne

- i. Website is up to date. Section 8 is the best section in the ASHRAE website. Shows officers and all members of the committee.
 - ii. Vance volunteered to be the E-meeting chairperson for the GoTo meetings in the future. Bob Jones will provide info to Vance for conducting the meetings.
- e. Research – Duane Wolf
 - i. There is nothing currently under development. However, the proposed forum for Denver will guide the strategy for developing an RTAR in proposing new research on expansion device performance with low GWP refrigerants.
- f. Standards – Vance Payne
 - i. Standard 17: MOT of thermostatic refrigerant expansion valves. Going out for public review.
 - ii. Standard 28: MOT flow capacity of refrigerant capillary tubes.
 - 1. Rick Larson, Standards Liaison, was introduced. He wanted confirmation if TC8.08 wanted to revise Standard 28, or withdraw from it.
 - 2. After committee discussion, motion was made by Robert Bittle, and seconded by Vance Payne, to revise this standard so that references can be updated. The motion was approved 4-0-0.
 - 3. Duane Wolf volunteered to be the chair for SPC-28.
 - 4. Vance to send form for revising Std. 28 and recommending Duane for Chair.
 - iii. Standard 153: MOT capacity rating of four-way reversing valves. Standard has never been published after years of trying. It will be sent out for letter ballot. When approved, it will go out for public review.
 - iv. Standard 158.1: MOT capacity rating of refrigerant solenoid valves. Richie Mohan (AHRI) will review AHRI 760 with hopes of transferring the Maximum Operating Pressure Difference MOT to Standard 158.1 (so AHRI would let ASHRAE maintain sole responsibility for the MOT).

VII. Old or New Business

- a. In San Antonio, a suggestion was made that we merge TC 8.08 with TC 10.3 Refrigerant Piping Controls and Accessories. Robert Jones, Vance Payne, and Kirk Stifle attended the 10.3 meeting (which only

discussed insulation...). After discussion, there was a consensus to not pursue this option. Kirk made a motion that TC 8.08 remain as TC 8.08, Vance seconded the motion, and motion was approved 4-0-0.

VIII. Open Discussion

- a. Discussion and agreement for Duane Wolf to replace Frederic Colsoul as a voting member when he rolls off this year.
- b. Scott Frey will contact Frederic Colsoul and ask him to update his ASHRAE bio so the committee members can contact him.

IX. Adjournment

At 2:30PM a motion to adjourn was made by Robert Bittle, seconded by Vance Payne, and approved 4-0-0.

Submitted by:

Scott Frey
Secretary, TC8.08

TC8.08 Meeting Sign-In Sheet 1-29-2013

___X___ Winter
 ___ ___ Annual
 Meeting

Name	Comm Membr? Y/N	Position	Phone	Fax	Email	Address
Duane Wolfe	Y		515-520-9585	515-232-3999	duane.a.wolfe@g.com	3205 Aspen Cir, Ames, IA 50014
Robert Bittle	Y	Program Chair			r.bittle@tcu.edu	
Richie Mohan	N		703-727-0405		rmohan@ahrinet.org	
Nick Griewahn	N		(906) 227-1524		ngriewah@nmv.edu	1401 Presque Isle Ave. Marquette, MI 49855
Matt Wood	N		636-288-2591		mattbew.wood@parker.com	
Ben Johnson	N		314-707-4368		ben.johnson@parker.com	
Vance Payne	Y	Web master	301-975-6663		vance.payne@nist.gov	100 Bureau Dr, Stop 8631 Gaithersburg, MD 20899
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Don Schuster	Y		903-730-4543		don.schuster@irco.com	
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