



**AMERICAN SOCIETY OF  
HEATING, REFRIGERATING  
AND AIR-CONDITIONING  
ENGINEERS, INC.**

**1791 Tullie Circle, N.E./Atlanta, GA 30329  
404-636-8400**

**TC/TG/TRG MINUTES COVER SHEET**

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

TC/TG/TRG NO TC08.08 DATE 6/26/2012

TC/TG/TRG TITLE Refrigerant System Controls and Accessories

DATE OF MEETING 6-26-2012 LOCATION San Antonio Texas

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Mr Duane A Wolf, PE, TC Chair	2010 VM	Mr Frederic D Colsoul	2010 VM	
Prof Robert R Bittle , Prog Chair	2010 VM	Dr Pradeep Kumar Bansal	2010 VMNQ	Steve Duda TAC Section Head
Robert A Jones, PE, Secretary	2010 VM			Charissa Garcia
W Vance Payne, PhD, Stds Chair	2011 VM			Robert Fisher
Kirk Stifle, PE, HB Chair	2011 VM			Ana Ruiz
				Mohsen Farzad ALI Coordinator

**DISTRIBUTION**

*All Members of TC/TG/TRG plus the following:*

TAC Section Head:	Stephen W Duda, PE
TAC Chair:	Dr Charles H Culp, III
ALI/PDC	Mr Mohsen Farzad / John H Nix, II
Chapter Technology Transfer	Mr Nathan P Hart, CTT
Manager Of Standards	Mrs Stephanie C Reiniche,
STAFF LIAISON/RESCH/TECH SVCS	Mr Michael R Vaughn
Research Liaison	Dr David A Yashar
Special Pubs	William S Fleming
Standard Liaison	Debra H Kennoy

**DRAFT MINUTES**  
**ASHRAE TECHNICAL COMMITTEE 8.08**  
**Refrigerant System Controls and Accessories**  
**Meeting in San Antonio, Texas**  
**Tuesday, June 26, 2012**

TC 8.08 Refrig. System Controls and Acc. (10/10)    Tuesday 1:00-3:30 p.m.    (CC) 002B (R)  
 TC 8.08 Program, Research, Handbook (10/5)    Monday 2:15-4:15 p.m.    (CC) 003B (R)

Meeting was called to order by Chairman, Duane Wolf, PE, at 1:00 pm.

- I. Welcome and Introductions were given by all in attendance.
- II. The Scope of TC8.08:  
       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 Voting Members on the Roster)

Attendance Y/N	Name and Status	Year Appointed	Year Roll-Off
Y	Duane Wolf, PE, Chair, VM	2010	2012
N	Frederic Colsohl, Vice Chair, VM	2010	2013
Y	Prof Bob Bittle, Program, VM	2010	2014
Y	Kirk Stifle, PE, Handbook, VM	2011	2015
Y	Vance Payne, PhD, Webmaster, Standards, VM	2011	2015
Y	Bob Jones, PE, Secretary, CM	2011	

Yes, a quorum was established with 4 of 5 voting members present.

Additional attendance:

- Steve Duda, PE, Section Head.
- Charissa Garcia
- Mohsen Farzad, ALI Coordinator.
- Robert Fisher
- Ana Ruiz

- IV. Approval of Minutes from Chicago meeting, TC\_8\_8\_Chicago\_2012\_Minutes-draft.pdf.  
 MM: Prof Bob Bittle  
 MS: Vance Payne, PhD  
 Vote: Motion Carried, 4-0-0.

- V. Report from the TC Chairs meeting  
 Starting in Dallas, Speakers will pay \$95. Members will pay about \$100 less.  
 Montreal the speaker rating program implemented with a 3.5 threshold.  
       The last meeting in Chicago had 25 speakers rated below 3.5.  
 Many states are increasing the requirements for ethics training. There will be an Ethics training at every Winter mtg.

A goal for programs is to have 25% of the scheduled topics, to report ASHRAE Research.

Va. Liaison Reports.

Steve Duda, PE, Section Head, recognized Duane Wolf for his service as a TC chair with a certificate.

Steve's Email address is [SH8@ASHRAE.net](mailto:SH8@ASHRAE.net)

VI. Subcommittee Reports

a. Handbook – Kirk Stifle, PE:

Kirk asked for volunteers and will send the Chapter to anyone interested in reviewing chapter 11 for 2014.

b. Membership – New roster and officers – Duane Wolf, PE,

Duane will roll off on July 1<sup>st</sup> 2012.

Freddie Colsoul will be the Vice Chair.

Charissa volunteered to be an Organizational Member if the committee can accommodate one on the roster.

c. Programs – Prof Bob Bittle,

Anyone interested in becoming program chair is welcome.

There are no programs planned.

There was a program in Chicago.

Vance Payne, PhD, suggested a program to discuss new correlations for new refrigerants, HFO's, with Cap Tubes.

A model for TEV's is needed.

A Forum on how HFO's are going to be modeled, and or, included in the chapter. Correlations are needed for short tubes, Cap Tubes and TEV's.

Vance previously did a universal correlation for short tubes. He needs data for cap tubes and short tube orifice.

Bob will plan on submitting an abstract for a forum in Denver.

d. Website – Vance Payne, PhD.

Website is up to date. It has the new ASHRAE Logo.

e. Research – Duane Wolf, PE.

No Research Topics.

Hope to take the results of the Potential forum in Denver to write an RTAR for testing with HFO's.

f. Standards – Bob Jones, PE / Vance Payne, PhD.

i. Standard 17 2008: MOT of thermostatic refrigerant expansion valves.

Meeting was held at San Antonio. Sunday, 5-7p. HB Gonzales CC.

Attendance: Kirk Stifle, Duane Wolf, Bob Jones, and Julie Ferguson, SPLS Liaison starting July 1<sup>st</sup>.

Prof Bob Bittle and Duane Wolf have submitted applications.

Bob Jones will submit a project plan by July 7<sup>th</sup>

Bob Jones will send a copy of the Staff Review and the standard to members.

ii. Standard 28 2010: MOT flow capacity of refrigerant capillary tubes

2010 Published, No actions required.

Available in the Bookstore.

- iii. Standard 153: MOT capacity rating of four-way reversing valves  
Roster is still active as of 1-27-12.

[C:\Documents and Settings\RAJ5029.USPHC\My Documents\WORDWORK\ASHRAE\\_2012\SPC\\_153\\_4-way\\_2012\SPC153Roster\(1-27-2012\).pdf](C:\Documents and Settings\RAJ5029.USPHC\My Documents\WORDWORK\ASHRAE_2012\SPC_153_4-way_2012\SPC153Roster(1-27-2012).pdf)

Members Bio's need to be updated, some of the contact information is out of date.

Bob Jones will send Denise Latham's information to Kirk Stifle.

Kirk will ask Dennis Littwin to update his ASHRAE Bio and request removal from SPC153.

- iv. Standard 158.1 2012: MOT capacity rating of refrigerant solenoid valves.

2012 Published, February 2012. Available at the Bookstore.

- v. Standard 158.2 2011: MOT capacity rating of refrigerant pressure regulating valves.

2011 Published, November 2011. Available at the Bookstore.

## VII. Old or New Business

Old Business: As a result of the minutes of the last meeting Bob Jones was scheduled to propose a recommendation for a merger of TC8.4 with TC10.3 at the TC10.3 meeting under new business. Bob Jones invited everyone to go to the TC10.3 meeting, which occurs at the same time period, at the Hyatt, Crockett A/B 4<sup>th</sup> floor.

## VIII. Open Discussion

Charissa noted that there are Performance standards for the components. There is a lot of Low GWP research and testing being conducted.

## IX. Adjournment

MM: Adjourn W Vance Payne, PhD

MS: Kirk Stifle,

Vote: Motion Carried, 4-0-0.

Respectfully Submitted:

Robert A Jones, PE

Secretary, TC8.8

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