

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 3.2 DATE January 25, 2010

TC/TG/TRG TITLE System Chemistry

DATE OF MEETING January 25, 2010 LOCATION Orlando, FL

MEMBERS PRESENT	STATUS	MEMBERS ABSENT	STATUS	MEMBERS ABSENT
Tom Leck	Chair/VM	Jay Field	CM	Nandini Mouli CM
Raymond Thomas	VC/VM	Clinton Finstad	CM	Fred Polley CM
Danny Halel	Sec/VM	Andrew Gbur	CM	William Walter CM
Rob Yost	SSC/VM	Yanwei Cen	CM	Thomas Watson CM
Stephen Kujak	VM	Richard Cavestri	CM	David Wilson CM
Joe Karnaz	CM	Jorge Cabrera	CM	Xiaomei Yu CM
Sonny Sundaresan	HBC/VM	Charlie Butler	CM	Donna Bossmann CM
Ken Lilje	PSC/CM	James Bouril	CM	John Manselas CM
Allen Cohen	VM	Chris Bertelo	CM	Stephen DeNoia CM
CM Scott Gustafson	ALI/CM	Karim Amrane	CM	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Eric Newberg	CM	Dave Vincent	Webmaster	Rosine Rohatgi
Scott Schuster	CM	Robert Woods	VM	Rasmus Poulsen
Kirsten Ahrenstorf	IM	Sunil Nanjundaran	CM	Roger Beattie
Alice Reimer	CM	Liz Dixon	RSC/IM	Kane Liu
Chris Seeton	CM	Don Schuster	CM	Pat Gilbane
Stephen Speltzer	CM	Amy Rice	CM	Ed Hessell
Dale Carr	CM	Joe Nigro	CM	Umar Khokhar
Robert Doerr	CM	David Bellas	CM	Doug Gildehaus
Marc Scancarello	PCM	Dale Carr	CM	Glenn Steinkoenig
Frank Nagy	CM	Barry Milward	CM	Rakesh Goel
Julie Majurin	CM	Tony Min	CM	John Hughes
		Katrin Juch	CM	Wes Dunn

DISTRIBUTION

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

TAC Section Head:	Brian Silvetti
TAC Chair:	Brian Becker
All Committee Liaisons As Shown On TC/TG/TRG Rosters: Don Fenton – RAC Cecily Grzywacz – Handbook (In attendance) Ray Cohen – Research	Sam Cummings – Standards Julia Keen – Special Pubs C Brian Wandling – Program
Manager Of Standards Manager Of Research & Technical Services	Mike Vaughn

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

Call to Order

Tom Leck, Chair, called the meeting to order at 2:20pm on Monday, January 25, 2010. The meeting was held in the Shingle Creek Hotel in Orlando, FL. After the introduction of members and guests, a quorum was confirmed with 8 members present (including chair) with 1 member absent and 1 International Members.

MOTION #1 A motion was made by Steve Kujak and seconded by Sonny Sundaresan to approve the minutes with minor changes from June 2010 meeting in Louisville, KY as written.

MOTION PASSED 8-0-0 CV

Report on TC 3.0 Chair Breakfast Meeting

- Hightower Award was given this year.
- ASHRAE is updating the Roster system to make it easier to update and therefore more accurate.
- There is a new Research Plan, it will be reviewed by Ray Cohen when he arrives.

Sub-Committee Reports

Program – Ken Lilje

Louisville, KY

Programs of Interest

SEMINAR - 46 Wednesday *Retrofit and Next-Generation Global Refrigerants for Centrifugal Chillers*

SEMINAR – 47 Wednesday *Retrofit of R-22 in Air-Conditioning Systems*

SEMINAR – 57 Wednesday *Systems with Natural Refrigerants: Components and Field Experience*

Poster session

- None

Future Symposia/Seminar/Forum

- *Issues with Total Acid Number* – Sonny Sundaresan advised that it should be moved to Albuquerque. Sonny will continue to look for speakers to fill the slate.

Handbook – Sonny Sundaresan

- The Handbook is complete and we are waiting for the Galleys to be reviewed.
- Sonny would like to thank the Sub-Committee for their work on the Chapter rewrite.

Standards –Rob Yost

- SPC 175P – “Metal Pressure Vessel Method to Test Materials Used with Refrigeration Systems”
 - Joe Karnaz – Chair. Committee members are Alan Cohen, Ken Lilje, Rosine Rohatgi and Chris Seeton. The committee needs another member, they meet at 4:15 pm on Monday Penzacola F4. A few minor issues need to be discussed. It is possible that a draft will be ready by Albuquerque.
- SPC 172 is looking for members they have a Chair. The Cognizant TC 3.4 is looking for assistance.
- SPC 97-2007 – Sealed Glass Tube Method to test for Chemical Stability of Materials for Use Within Refrigerant Systems
 - ASHARE staff advised that it cannot be reaffirmed due to its reference to ARI-700. ARI-700 changed its name and date to AHRI 700 and a new date. A committee

A MOTION #2 Rob Yost and Sonny motioned that a new committee be formed to review SPC 97 Chair – Dr. Chris Seeton.

VOTE 9-0-0 CV

Research – Liz Dixon

Robert Doerr reported for Liz Dixon

Research Liaison – Ray Cohen

The Research Liaison advised that all of our projects are up-to-date and asked if we had any questions. A new set of Research Goals are being established by ASHRAE Research. There seems to be a lot of confusion about research both from the Strategic Goals and the funding of all research, ASHRAE is addressing these. The new Research plan may be complete by Albuquerque.

Sub committee members include: Jay Field, Ken Lilje and Bob Doerr.

TC 3.2, 3.3 and 3.4 meet as a group on Sunday afternoon at 4pm. All interested parties are welcome.

- RTAR 1410 – Effects of System Materials Towards the Breakdown of POE Lubricants and HFC Refrigerants Part 2 – Conditionally accepted for bid by ASHRAE RAC October 2009 Robert Doerr has made changes as requested. Committee includes: Bob Doerr, Jay Field, Joe Karnaz, and Steve Kujak - Chair.
- RTAR 1409 – Stability of Candidate Lubricants for CO₂ Refrigeration Systems – Awarded to Spaushus Associates. Work has started and should be complete by August 2010.

Webmaster – Dave Vincent

- Dave could make this meeting however, he advised the Chair that the website is up to date and accessible from the ASHRAE website.

Membership – Ken Lilje

The roster was reviewed by the Chair, he asked for additional members if anyone was interested.

Voting Members – 8 International Members - 1 Corresponding Members – 32

Leadership of the committee is as follows:

Tom Leck – Chair

Raymond Thomas – Vice Chair

Danny Halel - Secretary

Sonny Sundaresan – Handbook

Ken Lilje – Program

Rob Yost - Standards

Elizabeth Dixon – Standards

David Vincent – Webmaster

Scott Gustafson - ALI

Old Business

- If you would like to have your manager or company receive a letter from ASHRAE thanking you for service please advise ASHRAE through the Website.

New Business

Our next Meeting will be on Monday, June28,2010 in Albuquerque, NM.

Adjournment

MOTION #3 A motion was made by Sonny Sundaresan and 2nd by Joe Karnaz to adjourn the meeting at 3:19 pm.

Respectfully submitted,
Danny Halel
Secretary TC 3.2