

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

**1791 Tullie Circle, N.E./Atlanta, GA 30329
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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 3.3 DATE January 22, 2008

TC/TG/TRG TITLE Refrigerant Contaminant Control

DATE OF MEETING January 22, 2008 LOCATION New York

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Alan Cohen – Chair	VM			Rob Yost - Standards
Joe Karnaz - Program	VM			Ken Lilje; Hewitt Gaudin
Raymond Thomas - Research	VM			Debra Kennoy; Steven Szymurski
Sonny Sundaresan	VM			Rosine Rohatgi
Danny Halel	VM			Steve Kujak; Jay Field
Fred Polley	VM			Thomas Leck; Joe Longo; Dale Carr
Eric Newberg – Handbook	VM			Ersin Gersek; Rich Cavestri
Jorge Cabrera, Vice Chair	VM			Doug Gildehaus; John Senediak
Katherine Juch	VM			Bob Woods;

DISTRIBUTION

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

TAC Section Head:	<u>David Geary</u>
TAC Chair: TAC Vice-Chair:	<u>Patricia Graef</u>
All Committee Liaisons As Shown On TC/TG/TRG Rosters:	Don Fenton – RAC Rich Evans – Handbook Sam Cummings – Standards Kimball Ferguson – Special Pubs C Brian Wandling – Program Benjamin Crowley – CTTC
Manager Of Standards	Claire Ramspeck
Manager Of Research & Technical Services	Mike Vaughn
Admin Asst – Technical Services	Tara Thomas

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

1) Call to Order

Alan Cohen (chair), called the meeting to order at 3:30 pm on Tuesday January 22, 2008. The meeting was held at the New York Hilton Hotel. After introduction of members and guests, a quorum was confirmed with 9 members present. Minutes for the Long Beach meeting were approved.

Alan Cohen read the new rollover roster effective July 1, 2007.

Rosine Rohatgi and Tom Leck will replace Sonny Sundaresan and Ray Thomas beginning July 2, 2008.

Danny Halel moved to approve the minutes. Sonny Sundaresan seconded the motion. It was approved by vote of 8-0-0, Chair not voting.

Report on TC 3.0 Chair Breakfast Meeting

2) ASHRAE Liaison Comments

Sub-Committee Reports

3) Program – Joe Karnaz

- A seminar originally scheduled for Long Beach “Contaminant Control to Protect Expansion Devices” – Sonny Sundaresan Chair. **No presenters identified yet, possibly expansion devices manufacturers, component manufacturers, and measurement-testing. Sonny will attempt to make contact with prospective presenters. Time is too tight; the seminar could be moved to Chicago.**
- “Contaminant Control and Research” for Salt Lake City. **Ashrae to open a slot for contaminant control.**
- TC 3.3 co-sponsor a seminar “History of System Chemistry” with TC 3.2 in Salt Lake City. **Expressed the motion to include filter driers, desiccants. “History of System Contaminant Control” proposed for Chicago. Motion by Joe Karnaz, second by Danny Halel. vote: 8-0-0. Chair not voting.**
- **Forum entitled “Does refrigerant contaminant control matter?”, possibly for Chicago chaired by Sonny Sundaresan. Refine the name to cover the change from R-22 to R-410A. Agenda item for Salt Lake City.**

Future Program Topics for Discussion:

“Contaminant Control in Transcritical Systems”

“History of Refrigerant Contaminant Control” **refine the name as mentioned above–. Moved to Chicago.**

4) Handbook – Eric Newberg

- **Writers and reviewers for handbook have been identified:**
- Jay Field, Sonny Sundaresan, Danny Halel, Bob Woods and Alan Cohen.

5) Standards – Rob Yost

- SPC 35-92R – “Method of Test for Refrigeration Drying”
Has been published – no further action required at this time.
- SPC 63.1 – “Method of Testing Liquid Line Filter Driers”
Reaffirmed in 2004 –**No action required at this time by this TC.**
- SPC 63.2 – “Method of Testing Liquid Line Filter Drier Filtration Capacity”

No progress has been made in reviewing this standard. The working group is looking to receive help from OEM's and someone who performs the test.

- SPC 78 – “Method of Testing Flow Capacity of Suction Line Filters and Filter Driers”
Reaffirmed in 2006 – no further action required at this time.
- Rob Yost moved to write a title, purpose, and scope on a “Standard Method of Test for Capillary Tube Plugging” and nominate a chair. Ray Thomas seconded the motion. Vote: 2-5-0 + Sonny CNV.

6) Research – Raymond Thomas

- RTAR – “Oil Effect on Moisture Distribution Coefficient in HFC's”
TC 3.2 and TC 3.4 voted to co-sponsor at this meeting.

RTAR has been approved. A work statement will need to be generated. This research project has number 1 priority.

- RTAR 1411 – “System Flushing”
Danny Halel is willing to take responsibility for this Project supported by Jay Field and Rob Yost.
- Other Research considered for RTAR's:
 - “MOT for Capillary Tube Plugging” – Has been dropped for consideration as a research project and will be created as a standard. Sonny Sanderesan and Jay Field will work on a title, purpose and scope.
 - “Users Guide to System Chemistry Maintenance” –as a long-range research item.

7) Webmaster – Alan Cohen

- **Website is up to date. Alan will include link in the minutes.**

8) Membership – Frank Nagy

- **. Ask for more corresponding members**

9) Old Business

- No old business.

10) New Business

- **Jay Field: how do we clean refrigerant wetted components other than aqueous systems? Cleaning components is not reliable, leaving residues due to poor rinsing. Propose to review this issue next meeting and decide on a research program.**
- **What is recommended as dryer for CO₂ systems (if different is required)?**

11) Adjournment

Respectfully submitted,

Jorge Cabrera, Vice Chair, acting secretary
TC 3.3