

**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 3.3 DATE July 28, 2006

TC/TG/TRG TITLE Refrigerant Contaminant Control

DATE OF MEETING June 27, 2006 LOCATION Quebec City

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Joe Karnaz	2005	Robert Woods	2005	
Sonny Sundaresan	2004	Alan Cohen	2005	
Rob Yost	2003	Danny Halel	2005	
Raymond Thomas	2005	Cary Haramoto	2003	
Fred Polley	2005			

DISTRIBUTION

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

TAC Section Head:	<u>David Geary</u>
TAC Chair:	<u>Eckhard Groll</u>
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

Joe Karnaz, Acting Chair (Chair and Vice Chair not Present), called the meeting to order at 3:30 pm on Tuesday, June 27, 2006. The meeting was held in Quebec City at the Quebec Convention Center Room 2000C. After the introduction of members and guests, it was determined that there was not a quorum (4 of 9 voting members present). An informal meeting was started and shortly afterwards a fifth voting member joined the meeting to establish a quorum. A motion was made by Sonny Sundaresan and seconded by Raymond Thomas to approve the minutes from January's Chicago meeting.

The motion passed 5-0-0

Report on TC 3.0 Chair Breakfast Meeting

Chairs Breakfast Notes Sunday June 25, 2006

- Website
 - TC Chairs need to review their websites and make sure they are up to date with the current minutes, rosters and agendas.
 - ASHRAE would like all websites moved to the ASHRAE server
- Programs
 - With the recent format changes to programs ASHRAE was able to schedule 113 out of 160 request for this meeting. They typically deny about 100 requests and in Orlando it was 150.
 - New tracks will be put into place (Basic, Intermediate and Advanced) in order that people can see if it is worth viewing the program.
 - Asked that people limit the size and length of their presentations.
 - Session chairs are asked at future programs to announce the speaker's name both before and after the presentation.
 - Themes for upcoming meetings:
 - Dallas – Energy Efficient Strategies for Buildings
 - Long Beach – ASHRAE “The Natural Way”
 - New York – Safe and Healthy Buildings
 - Salt Lake City – Dry Climate Design
- Research
 - Projects are to align with the Strategic Research Plan (A section of this plan will be attached to the minutes)
- General
 - Volunteers are being sought from TCs and TGs to respond to technical questions from university students. Contact Mike Vaughn at morts@ashrae.net if interested.
 - Call for papers for 9th REHVA World Congress Clima 2007, June 10-14, 2007 in Helsinki, Finland.
 - Password protected links will be sent to each TC roster member. New software is about a year away.
 - The society has approved a new Strategic Plan. Should have received a small card at registration.

2) ASHRAE Liaison Comments

Don Fenton, RAC Liaison:

- Some forms need to be filled out regarding 1239 TRP and 1240 TRP (Raymond Thomas will address)
- He offered his assistance in reviewing RTAR's before they go to RAC.

Tino Mendez, Handbook Liaison:

- Thanked the committee for their work on Chapter 6 and introduced Cecily Grzywacz as his replacement.

Sam Cummings, Standard Liaison:

- Need to take action on Standard 78, reaffirm or revise. This action will be carried out during the standards section of the agenda and the proper paperwork will be submitted.

Sub-Committee Reports

3) Program – Joe Karnaz

At the Quebec City no Programs were sponsored or cosponsored.

- Committee recommends attending Seminar 80 – System Chemistry with Alternative Refrigerants to be held on Wednesday from 10:45 to 12:15.

Future Meetings:

- Dallas
 - Seminar – “Contaminant Control and Research” chaired by Rich Cavestri. Rich was not present at the meeting it was suggested this seminar be tabled for discussion in Dallas to be submitted for the program in Long Beach
- Long Beach
 - A motion was made by Rob Yost and second by Raymond Thomas to sponsor a Seminar entitled “Contaminant Control to Protect Expansion Devices” Chaired by Sonny Sundaresan. Motion carried 5-0-0

Future Ideas and Topics:

- Seminar “Contaminant Control in Transcritical Systems”
- Forum “Does Contaminant Control Matter”

4) Handbook – Eric Newberg

Eric was not present for an update. Chapter has just been published and next publishing will be in 2010. Handbook liaison suggested people gather ideas for CD+

5) Standards – Rob Yost

- SPC 63.2 “Method of Testing Liquid Line Filter Drier Filtration Capacity”
Committee working on revision.
- SPC 35-92R – “Method of Test for Refrigeration Drying”
Revision has been submitted to ASHRAE. Waiting on them to publish.
- SPC 63.1 – “Method of Testing Liquid Line Filter Driers”
Reaffirmed in 2004.
- SPC 78 – “Method of Testing Flow Capacity of Suction Line Filters and Filter Driers”
Sonny Sundaresan made a motion to reaffirm this standard and Fred Polley seconded. Motion carried 5-0-0. Rob Yost and Joe Karnaz will go over to the ASHRAE headquarters after the meeting and fill out the appropriate paperwork and submit to Mark Weber.

6) Research – Raymond Thomas

- 1239 TRP – Distribution of Water between Liquid and Vapor Phases of Refrigerants.
- 1240 TRP – MOT for Identification and Quantification of Organics Acids on Desiccants.
RAC needs the proper paper work filled out on these two research projects indicating that the contractor has fulfilled his obligations.

- Proposed RTAR's
 - “Oil Effect on Moisture Distribution Coefficient in HFC’s – Author Alan Cohen. Alan Cohen has rewritten and supposedly submitted. Don Fenton will check on this.
 - “Guidelines for Judging Effectiveness of Various System Cleaning Procedures” – Author Raymond Thomas. Raymond will rewrite and submit to Don Fenton for submission to RAC.
 - “Users Guide to System Chemistry Maintenance” – Previously placed as low priority, will be tabled for future discussions.
 - Suggestion for research regarding MOT for Capillary Tube Plugging – Tabled for future discussion and investigation by a few individuals.

7) Webmaster – Alan Cohen

- Alan Cohen not present - Website is updated and on ASHRAE server. One suggestion from TC Chairs meeting was to place the agenda for the current meeting on the TC website prior to the meeting.

8) Membership – Frank Nagy

- Frank Nagy not present - It was noted that the rollover roster for the 2006-2007 Society Year has some mistakes.

9) Old Business

- No old business.

10) New Business

- No new business.

11) Adjournment

- A motion was made to adjourn the meeting.