

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 8.10 DATE 2 February 2011

TC/TG/TRG TITLE Mechanical Dehumidification Equipment and Heat Pipes

DATE OF MEETING Tuesday, 2 February 2011 LOCATION Las Vegas, NV

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Titu Doctor	2010			Bill McQuade, Section Head
Scotty Hutto	2008			Rick Hermans, Research Liason
Ralph Kittler	2009			
Ness Lakdawala	2008			
Harry Milliken	2010			See attached attendance for:
Samuel Sami	2008			Corresponding Members
Tim Sechrist	2007			Guests
Julie Ferguson	2007			
Randy Schrecengost	2010			

DISTRIBUTION

All Members of TC/TG/TRG plus the following:	
TAC Section Head:	Bill McQuade
TAC Chair:	Donald Brundage
All Committee Liaisons as Shown on Rosters:	Rick Hermans, Research Martin Dieyckx, Standards David John, Handbook
Manager of Standards:	Stephanie Reiniche
Manager of Research & Technical Services:	Mike Vaughn

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ADDITIONAL ATTENDANCE

Corresponding Members

- John Bloemer
- Tom Brooke
- Danny Abate
- John Murphy
- Steve Brown
- Keith Coursin
- Craig Burg
- Reinhold Kittler
- Ken Cooper

Guests

- Alois Malik
- Eric Erdman

Technical Committee 8.10
Mechanical Dehumidifiers & Heat Pipes
Meeting Agenda for 2011 Winter Meeting
Las Vegas, NV

Date: Tuesday, 2 February 2011

Place: Room N230, Las Vegas Convention Center Las Vegas, NV

Time: 3:30 PM to 6:00 PM

(The joint subcommittee meets from 2:00 PM to 3:30 PM in the same room. See agenda on the following page.)

- 1) Call to Order S. Sami
- 2) Introduction of members
- 3) Determination of Quorum S. Sami
- 4) Chairman Report and Announcements S. Sami
- 5) Agenda Additions/changes All
- 6) Liaison Reports

As the Liaisons might not be available at the beginning of the meeting, as a courtesy we will provide them an opportunity to address the committee whenever they arrive (following the current agenda item).

TAC chair:	Donald Brundage	Research:	Rick Hermans
Section 8 Head:	Bill McQuade	Standards:	Martin Dieryckx
		Handbook:	David John

- 7) Approval of minutes from Albuquerque, NM meeting S. Sami
- 8) Membership/Roster S. Sami & Membership Chairman
 - a) 2011-2012 Roster Update Workbooks
- 9) Subcommittee Reports
 - a) Research: Subcommittee Chair
 - i) RTAR Residential Dehumidification Sizing
 - ii) RAC response 1566 WS
 - b) Program Subcommittee Chair
 - c) Handbook Subcommittee Chair
 - i) Chapter 24 Draft for review and comment
 - ii) Request for information from TC 10.2
 - d) Standards Subcommittee Chair
 - i) Updates- SPC 198,
 - e) Web Site
- 10) Old Business S. Sami
- 11) New Business S. Sami

Minutes for 2011 Winter Meeting (Las Vegas, NV)

Chairman Dr. Samuel Sami called the meeting to order at 3:30 PM. There was a quorum present (9 of 9 voting members). Self introductions were made.

Liaison Reports

RAC Liaison (Rick Hermans)

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Section 8 Head (Bill McQuade)

- Asked for any concerns, questions, etc. for him to pass back.
 - CEC is offering help on drafting abstracts for seminars and forums.
 - Utilize liaisons to help get RTARs approved.

Section 8 Chairs Meeting Report (Dr. Samuel Sami)

- Upcoming events and Energy Design Guides. Sign up on ASHRAE
 - 2/14 – 2/25 Energy Efficiency Guide for Commercial Buildings
 - (need date) K-12 School Buildings
 - (need date) Performance Management Guide Best Practices
- Beginning with the San Antonio meeting in 2012, Themes for meetings will be discontinued. Standard tracks for seminars & forums will be utilized.

Agenda

Motion: A motion was made by Randy Schrecengost and seconded by Ness Lakdawala to approve the Agenda as presented for the 2011 Winter Meeting (Las Vegas, NV, January 2011). Motion carried 9-0-0-CNV.

Meeting Minutes

Motion: A motion was made by Harry Milliken and seconded by Titu Doctor to approve the minutes from the 2010 Annual Meeting (Albuquerque, MN, June 2010). Motion carried 9-0-0-CNV.

Subcommittee Reports

Membership Subcommittee Report (Dr. Samuel Sami)

- Roster changes will take effect on 1 July 2011.
 - John Bloemer (Member # 5211938) would like to be a voting member.
 - Alois Malik would like to be added as a corresponding member
 - Eric Erdman (Member # 8176622) would like to be added as a corresponding member

Research Subcommittee Report (Julie Ferguson)

- The 2010-2015 Research Strategic Plan is available @(<http://www.ashrae.org/> (add site))
- May 15, 2011 deadline for new RTARs.
- Status of current projects:
 - 1565-TRP, "Development of the ASHRAE Design Guide for Dedicated Outdoor Air Systems" (John Murphy)
 - Approved, ready for bid. Will be released Fall 2010 or Spring 2011 for bids.
 - SMACNA will co-sponsor
 - 1566-WS, "Equations to Estimate Evaporation Rates From Wetted Surfaces" (Harry Milliken)
 - Harry has responded to comments from Research.
 - Dr. Sami will send the letter to the committee.
 - Dectron to respond by February 14 deadline.
 - The committee will hold an electronic vote within two weeks
 - Subcommittee has developed a Long-term research plan (see attachment)
- Research Projects to be proposed:
 - Residential Dehumidifier Sizing
 - Chair: John Bloemer, Julie Ferguson, Dane Christensen

- John Murphy will help put the RTAR into a similar format (Design Guide) to 1565.
 - Dr. Sami will send the RTAR to the committee for review and vote in order to meet the May 15 deadline.
- Potential Future Research Projects:
 - Behavior of Heat Pipes with Alternative Refrigerants”
 - Committee Members - Dr. Samuel Sami, Chair, Harry Topikian
 - Ventilation for indoor swimming pool facilities (w SSPC 62.1?)
 - Chair: Harry Milliken,

Program Subcommittee Report (Tim Sechrist)

- Programs to submit for Montreal (due February 14, 2011)
 - 1) Seminar: “Passive Dehumidification using Heat Pipes and Thermal Storage” (chair: Tim Sechrist)
 - a) Samuel Sami
 - b) Tom Brooke
 - 2) Seminar: “Is the Current ASHRAE Standard 62.1 ventilation rate correct for today’s natatoriums?” (chair: Scott Hutto)
 - a) Harry Milliken
 - b) Harry Topikian
 - 3) Seminar: “Energy Recovery Issues in Dedicated outdoor Air Systems” (chair: Dr. Stan Mumma)
 - a) John Murphy
 - b) Craig Burg
 - 4) Forum: “What Information is Required for Natatorium Design” Co-sponsor with TC 9.8? (chair: Reinhold Kittler)

Motion: A motion was made by Tim Sechrist and seconded by Ralph Kittler to submit 3 Seminars and 1 Forum (listed above) for Montreal.

Motion carried 8-0-0-CNV.

Handbook Subcommittee Report (Ralph Kittler)

- Reviewed almost entire chapter at Handbook Subcommittee meeting.
- Revised chapter will be sent out for review.

Standards Subcommittee Report (Craig Burg)

- SPC 190 is in process of tweaking the most recent draft to address public review comments. Expecting to vote on submitting for a third public review during a conference call in late February. (Titu Doctor)
- SPC 198 is in process of drafting this standard. Expecting to vote on submitting for public review at the 2011 Annual meeting. (Craig Burg)

Webmaster (Scott Hutto)

- The address for the TC web site is <http://tc810.ashraetcs.org>
- The web site is up-to-date.

Old Business

- (None)

New Business

- Reinhold Kittler is acting as liaison with TC 10.2
- Danny Abbate of AHRI has committed to addressing the issues raised by Dectron in the meeting.
- Harry Milliken: TC should submit a suggestion to modify Standard 55. There is no information regarding indoor swimming pools. (See letter)

Motion: A motion was made by Harry Milliken and seconded by Ralph Kittler to submit a recommendation to change ASHRAE Standard 55 as mentioned in the handout provided (attached).
Motion carried 8-0-0-CNV.

- Harry Milliken: TC should submit a suggestion to modify the ventilation rates in the ASHRAE Standard 62.1 to accommodate wet deck areas.

Motion: A motion was made by Harry Milliken and seconded by Ralph Kittler for the Chair to submit a recommended change to ASHRAE Standard 62.1 to adjust ventilation rates for indoor pools.
Motion carried 8-0-0-CNV.

The following times for the next meeting were proposed. Dr. Sami will make the request for main TC meeting times and room assignments; Subcommittee chairs are responsible for making requests for their times and rooms

Committee	Day	Time
SPC 198	Tuesday, June 28, 2011	Noon-1:00 PM
SPC 190	Tuesday, June 28, 2011	1:00-2:00 PM
TC 8.10 Subcommittees	Tuesday, June 28, 2011	2:00-3:30 PM
TC 8.10 Main Committee	Tuesday, June 28, 2011	3:30-6:00 PM

It was noted that the draft minutes would be sent to ASHRAE headquarters and published on the TC web site. The approved minutes for the Albuquerque meeting will also be sent to ASHRAE HQ. The Secretary will see that this is done.

Motion: A motion was made by Ralph Kittler, and seconded by Harry Milliekn, to adjourn at 5:49 PM.