

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

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

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

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

TC/TG/MTG/TRG No. TC 8.10 DATE 01/26/2012

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

DATE OF MEETING Tuesday, January 24, 2012 LOCATION Chicago, IL

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Sami, Samuel	2010	Lakdawala, Ness	2008	
Hutto, Scotty	2008			
Kittler, Ralph	2009			
Bloemer, John	2011			
Doctor, Titu	2010			
Milliken, Harry	2010			
Schrecengost, Randy	2010			

**DISTRIBUTION**

<i>All Members of TC/TG/MTG/TRG plus the following:</i>	
TAC Section Head:	Steve Duda
TAC Chair:	Charles Culp
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters:	Srinivas Garimella, Research Liason Debra H. Kennoy, Standards Liason
Manager Of Standards	Stephanie Reiniche
Manager Of Research & Technical Services	Mike Vaughn



## TC 8.10 Mechanical Dehumidification and Heat Pipes

### Meeting Minutes

### 2012 Winter Meeting, Chicago, IL

Chairman Dr. Samuel Sami called the meeting to order at 3:27 PM.

Introduction of members and guests

Certification of Quorum: 7 of 8 voting members present

**Motion:** A motion was made by Harry Milliken and seconded by Titu Doctor to approve the minutes from the 2011 Annual Meeting (Montreal, June 2011).

**Motion carried 7-0-0.**

#### Liaison Reports

##### **TAC - Steve Duda**

- Feel free to contact with any questions or comments. email [sh8@ashrae.net](mailto:sh8@ashrae.net)
- Roster updates are due
- The TC asked him to forward our concern about charging a fee for speakers to attend.

#### Section 8 Chairs Meeting Report (Dr. Samuel Sami)

- Extensive discussion of \$100 - \$150 Speakers fee for attending entire conference. The TC unanimously opposes the fee.

#### Subcommittee Reports

##### **Program Subcommittee Report (Tim Sechrist)**

- One program was submitted for Chicago and rejected:
  1. Proposed “Natatorium Design Seminar” was not accepted
- One program had been proposed but was not submitted:
  1. “Operating Experiences with Dedicated OA Systems seminar “ was not accepted.

**Motion:** A motion was made by Tim Sechrist and seconded by Randy Schrecengost to resubmit “Natatorium Design” as a seminar for San Antonio and “Operating Experiences with Dedicated OA Systems” as a conference paper for Dallas.

**Motion carried 7-0-0.**

##### **Handbook Subcommittee Report (Ralph Kittler)**

- Handbook chapter currently being published

##### **Research Subcommittee Report (Julie Ferguson)**

- 1565-TRP, “Development of the ASHRAE Design Guide for Dedicated Outdoor Air Systems” (John Murphy)
  - TC voted to approve and co-sponsor this work statement during the June 2009 meeting. Work statement was approved by the Research Administration Committee (RAC) in October 2009, but did not make the list of projects sent out for bid (insufficient funds for ASHRAE Research).
  - In February 2011, funds were finally available and RAC approved releasing this project for bid. The RFP was distributed on 15 March 2011. Unfortunately, no proposals were submitted to ASHRAE by the May 15 deadline.



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#### 2012 Winter Meeting, Chicago, IL

- The Proposal Evaluation Subcommittee (PES) submitted a longer list of potential bidders and RAC approved re-releasing this project for bid. The RFP was posted on 20 October 2011. Five proposals were submitted to ASHRAE by the 15 December 2011 deadline.
- The PES, which consists of representatives from the co-sponsoring TC's (1.12, 5.5, 8.10, 8.12) plus four co-funders (Southern Company, Munters, Innovent, and SMACNA), reviewed and evaluated all submitted proposals, and is in the process of requesting written clarification for several of the proposals.
- The PES hopes to select a recommended bidder by the end of February. Then John Murphy and Dr. Sami will coordinate a conference call for the TC to take a vote to approve the recommendation of the PES. If approved, the recommendation would be submitted to RAC for approval at their Spring meeting.
- Summary of status of RP-1566 "Evaporation Rates..." (Harry Milliken)
  - No response from Research Committee on RP-1566
  - Dr Sami to inquire about whether Dr. Shah being a Corresponding Member and on the evaluation committee is a conflict of interest
- New Research proposal - Develop "Method to determine Calculating Residential Latent Load Requirements"
  - John Bloemer - TC 8.12 voted to co-sponsor, other possible co-sponsoring TCs: 1.12, 6.3 & 9.5.

**Motion:** A motion was made by John Bloemer and seconded by Scotty Hutto to change the proposed research title to "Develop a Method to determine Residential Latent Load Requirements"

**Motion carried 7-0-0**

**Motion:** A motion was made by Harry Milliken and seconded by John Bloemer to submit and RTAR "Develop a Method to determine Residential Latent Load Requirements" to RAC and include all co-sponsoring TC's following conclusion of the Chicago meeting.

Discussion: Some TCs would not vote on co-sponsoring the RTAR until after completion of the TC 8.10 meeting.

**Motion carried 7-0-0**

- Dr. Sami discussed the formation of a MTG to look at Low Global Warming Potential (LGWP) Refrigerants.
- **Action Item:** The TC Chair (Dr. Sami) should update the TC on the committee at the Annual Meeting in June. Standing agenda item for TC.
- Proposed Research idea – "Gas Filtration Eliminating Chloramines". Alois Malik will take lead on developing RTAR.
- Subcommittee has developed a Long-term research plan (see attachment)

#### Standards Subcommittee Report (Craig Burg)

- Recorded Webinars available for...
- ASHRAE to add Wiki to website for terms: <http://wiki.ashrae.org> SPCs to manage. Online in April 2012.
- SPC 198 is on draft 5 and has set a path to move forward. Next conference call 2/10/2012. Submit package for public comment by March 9, 2012.
- SPC 190 voted to submit draft standard for second public comment.



## TC 8.10 Mechanical Dehumidification and Heat Pipes

### Meeting Minutes

#### 2012 Winter Meeting, Chicago, IL

##### Membership Subcommittee Report

- Roster changes will take effect on 1 July 2012.
  - Scott Hutto & Ness Lakdawala terms expire and will be moved to Corresponding Members
  - Harry Milliken will relinquish his Voting Member status and be moved to Corresponding Member so that Craig Burg can be elevated to Voting Member (Both work for the same company)
  - Craig Burg, Alois Malik, Julie Ferguson, Tim Sechrist, Mark Scott, and Ken Jurgensmeyer will be elevated to Voting Members
  - Bruce Lindsay would like to be added as a corresponding member
- New Officers:
  - Craig Burg, Vice Chair, will assume the Chair on 1 July 2012
  - Randy Schreengost will become Secretary on 1 July 2012
  - John Murphy will become Webmaster on 1 July 2012
  - All current subcommittee chairs were re-appointed for the 2012-2013 year.

**Motion:** A motion was made by Ralph Kittler and seconded by Harry Milliken to accept the roster changes and new officers.

**Motion carried 7-0-0**

##### Webmaster (Scott Hutto)

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

##### Old Business

- All action items from the June 2011 meeting have been completed.

##### New Business

- Issue regarding questions submitted to the TC by grassroots regarding use of psychrometric charts. TC members need to be careful of answering questions from the grassroots members because of liability. A TC member cannot answer on behalf of TC; you are answering personally and are liable for any answer you provide.

The following times for the next meeting were proposed. Dr. Sami will make the requests for meeting times and room assignments.

Committee	Day	Time
SPC 198	Tuesday, June 26, 2012	Noon-1:00 PM
SPC 190	Tuesday, June 26, 2012	1:00-2:00 PM
TC 8.10 Subcommittee	Tuesday, June 26, 2012	2:00-3:30 PM
TC 8.10 Main Committee	Tuesday, June 26, 2012	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 Montreal meeting will also be sent to ASHRAE HQ. The Secretary will see that this is done.