**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 8.12

DATE 1/28/2013

TC/TG/MTG/TRG TITLE Desiccant Dehumidification Equipment and Components

DATE OF MEETING January 28, 2013

LOCATION Dallas, Texas

<table>
<thead>
<tr>
<th>MEMBERS PRESENT</th>
<th>YEAR APPTD</th>
<th>MEMBERS PRESENT</th>
<th>YEAR APPTD</th>
<th>MEMBERS ABSENT</th>
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</thead>
<tbody>
<tr>
<td>Norm Maxwell (CH)</td>
<td>2011</td>
<td>Michael Harvey (VM)</td>
<td>2011</td>
<td>None</td>
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<tr>
<td>Wayne Caudle (VCH)</td>
<td>2011</td>
<td>William Lull (VM)</td>
<td>2011</td>
<td></td>
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<tr>
<td>Charles Waddell (SEC)</td>
<td>2012</td>
<td>Ronnie Moffitt (CM)</td>
<td>2009</td>
<td></td>
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<tr>
<td>Steve Brinkley (VM)</td>
<td>2009</td>
<td>Danny Forkosh (CM)</td>
<td>2011</td>
<td></td>
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<tr>
<td>Deepak Pahwa (NMQ)</td>
<td>2010</td>
<td>Lew Harriman (CM)</td>
<td>2012</td>
<td>See Additional Sheet for Guests</td>
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<tr>
<td>William Worek (VM)</td>
<td>2010</td>
<td>Doug Kosar (CM)</td>
<td>2011</td>
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<td>Paul Pieper (VM)</td>
<td>2011</td>
<td>Eric Kozubal</td>
<td>2011</td>
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</tr>
<tr>
<td>William Griffiths (VM)</td>
<td>2010</td>
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</tbody>
</table>

**DISTRIBUTION**

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

- **TAC Section Head:** Steve Duda
- **TAC Chair:** Bill McQuade
- All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters:
  - Patrick Marks (Hdbk Liaison 2016)
  - Martin Dieryckx (Standards Liaison) SL8@ashrae.net
  - Rick Hermans (RAC Research Liaison) RL8@ashrae.net
  - David Yuill (Fund. Handbook Liaison) SL8@ashrae.net
- **Manager Of Standards**
- **Manager Of Research & Technical Services**
  - Stephanie Reiniche
  - Mike Vaughn
Minutes of the ASHRAE TC 8.12 Meeting

January 28, 2013 – Dallas, TX

1) Meeting called to order by Chairman Norm Maxwell at 2:19 pm. Roll call of members and guests. Eleven voting members present out of twelve so a Quorum is present.

2) Stephen Duda opened with discussions on listing your primary employment.

3) Norm passed around the roster.

4) Dave, the research liaisons said the contract has been paid for SPC 145. TC 5.5 is requesting co-sponsorship by TC 8.12 for a new RTAR. Dave requested more RTAR’s.

5) Approval of San Antonio minutes 11-0-0-CNV.

6) The Hightower award went to Lucas Hyman of TC 1.10. A new provision corresponding member has been created. If after two years of attendance, that person can become a corresponding or voting member.

7) There’s a 50% draft on refrigeration commissioning guide for peer review.

8) The next meeting is in Denver over the summer and then the next winter meeting is NYC.

9) You have to pay ASHRAE $93 to be a speaker.

10) As a committee we have the right to accept $95 to have a forum during the TC meeting.

11) Norm requested for people to come on as corresponding and voting members.

12) Subcommittee Reports:

   A. Research:  

   1. Lew Harriman stated research project 1565 to develop a DOAS design guide was awarded to University of Nebraska. They needed to deliver the different system from various manufacturers, charts, and layout. They have approximately 18 more months to finish the handbook. Provide Lew your name if you have interest in talking to the contractor in regards to the layouts.

   2. Vote on the Designer’s Introduction to Commercial Desiccant Systems document to be used by the professional development group to be used an introduction to desiccant dehumidification with updated liquid desiccant examples for the North American market and quantify what is meant by low dewpoint: 9-0-0-CNV

   3. Professor from Purdue University is going to test liquid desiccant systems and was looking for components for a project.

   B. Handbook –:

   1. Steve Brickley said we have two years to work on an outline and would like a 2 hour session in Denver on the Handbook subcommittee.
2. Deepak Pahwa believes that the passive dehumidification wheel should make it's way into the handbook, program and even research based on the growing chilled beam market and other applications.

C. Program:

1. DP proposed a seminar in new passive dehumidification wheel applications.

2. Andrew Lowenstein has found someone to take over his position.

3. No programs or topics scheduled for Denver. Philip Fares has volunteered to Chair the committee to discuss liquid desiccant systems. Paul Piper has agreed to mentor him.

D. Standards:

1. There is a 3 phase RTAR for passive dehumidification. Wayne Coddle suggests keeping passive wheels as part of 8.12.

2. They are trying to make Standard 139 more friendly to include passive wheels.

E. Membership:

1. NA

13) Old Business:

1. None.

14) New Business:

1. None

Motion to Adjourn at 3:58

Charlie Waddell, Acting Recording Secretary
GUESTS AND LIAISONS

TC/TG/MTG/TRG No. TC 8.12 DATE 1/28/2013

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DATE OF MEETING January 28, 2013 LOCATION Dallas, Texas

Tom Cook I. E. Technologies
Scott Hicks I. E. Technologies
Kathleen Owen RTI
Trevor Wende Advantix
Philip Farese Advantix
Blake Erb Venmar
Don Larsson Bowman Fosterd
Peter Vandermeulen 7AC Technologies
Nick Agopian Semco
Thomas Bollinger Parker
Aaron Greiner Dow Corning
Rica Sweetson Exergy
Bjorn Felgenhauer Swep
Ming Qu Purdue
Michael Sherber 7AC Technologies