

***These draft minutes have not yet been approved by the Technical Committee. They will not be the official minutes until approved at the subsequent meeting.***

**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 NO TC 8.12 DATE 6/24/12

TC TITLE Desiccant Dehumidification Equipment and Components

DATE OF MEETING 6/24/12 LOCATION San Antonio

**Attendance Sheet Attached**

**DISTRIBUTION**

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

|   |   |
|---|---|
| TAC SECTION HEAD:                                     | (SH8@ashrae.net) Stephen Duda   |
| TAC CHAIR:  | (TAC Chair@ashrae.net)  |
| ASHRAE MANAGER OF TECHNICAL SERVICES:                 | Tara Thomas [tthomas@ashrae.org]  |
| ALL COMMITTEE LIAISONS AS SHOWN ON TC/TG/TRG ROSTERS: | Harris Sheinman (Hdbk Liaison 2012 ( Systems & Equip)<br>??? (Program Liaison)<br>???? (Chapter Tech Transfer Liaison)<br>Martin Dieryckx (Standards Liaison) SL8@ashrae.net<br>Rick Hermans (RAC Research Liaison) RL8@ashrae.net<br>David Yuill (Fund. Handbook Liaison) SL8@ashrae.net |
| MANAGER OF STANDARDS<br>MANAGER OF RESEARCH           | Stephanie Reiniche (sreiniche@ashrae.org)<br>Mike Vaughn-Staff Liaison (mvaughn@ashrae.org)   |

**Minutes of the ASHRAE TC 8.12 Meeting**

**San Antonio, TX – Monday 6/24/12**

- 1) Meeting called to order by Chairman Norm Maxwell at 2:15 pm. Roll call of members and guests. Six voting members present, Quorum present.
- 2) The voting count concerning the selection of desiccant equipment at altitude was incorrect and a recount will be required.
- 3) Mike Sherber is desiring to be a voting member.
- 4) William Lull was a voting member at the last meeting in Chicago, it was recorded incorrect. As of July 1, there will be 11 voting members.
- 5) Still need a volunteer to take the vice chair position from Wayne Coddle. Mike Sherber will be rotating on as Vice Chair for Dallas show.
- 6) PDS Group requested 8.12 to review presentation and determine if it should be changed, left alone or removed. It's approximately 200 pages. Lew Harriman will review during this meeting.
- 7) Meeting minutes approved from Chicago 5-0-0-CNV
- 8) Agenda accepted by vote 5-0-0-CNV

- 9) No liaisons present in meeting.
- 10) Speakers will be required to pay \$95 in lieu of \$600.
- 11) Conference papers distributed March 30 with 8 tracks. Dallas will have 8 tracks. Keep program submission requests simple to prevent rejections.

12) **Subcommittee Reports:**

A. Research- :

1. No outstanding research at this time.
2. Evaporation research – Proposing to solicit bids for research. Recommends to submit phase 1 and have someone evaluate the Willis Carrier formula. After that project is complete a second phase could be completed with lab testing. A suggestion has been proposed to change the handbook to help litigation purposes for pools. A change in activity factors was suggested. A research project will be required to determine the new factors and a sub-committee required. Harry Millican proposed these changes as 1566, evaporative research.

No new research, but Bill Lull stated 145.1 came from 2.3 and is looking for testing to show VOC reduction through active desiccant wheels. It was suggested that this testing should be factory specific, not ASHRAE tested.

Update on Pauls research; there are several bidders on project. Lew Harriman said RAC will provide vote and it looks like a good project. 1456 was the number.

B. Handbook – :

Steve Duda – Section 8 Head from TAC – reported minutes were on time and to keep up the good work on the committee.

1. Just completed a cycle for 2 chapters. Changes for fundamentals were submitted and everything looks good. Systems & Equipment looks good. Reviewing for 2016. Let Steve know if you would like to be on the handbook committee. A handbook meeting was proposed for the next session.
2. Section Head commented that the website was up to date for 8.12. A new roster update process will be rolled out in about 18 months. TAC did not get many nominations through the high tower award. The deadline is September 1<sup>st</sup> for nominations.
3. TC 1.12 has been struggling about what to put into the handbook for moisture management in buildings. As committee chair of 1.12 Lew will send a request for comments. Wayne Coddle and Steve Brickley have taken the role to review the 1.12 chapter.
4. Another chapter will be for applications – problems/solutions for moisture management in buildings.

C. Program:

1. Looking for programs to be submitted for Dallas by August 13. Suggestion made to apply for research for emerging technologies. Vote to sponsor meetings 5-0-0-CNV.

D. Standards:

1. Both standards are coming up for revision rather than reaffirmation. The standards committee recommended looking at 174 and making revisions. A vote to revise 174 due to mandatory language and a reference was out of date. The vote to revise 174 was 5-0-0 CNV.
2. Standard 84 was up for revision and passive dehumidification has not been addressed.
3. Lew Harriman stated the version presented in 2010 AICAR in Italy has been revised. The title is Designers Introduction to Commercial Desiccant Systems.

E. Membership:

1. There will be new voting members as of July 1, 2012.

16)

Old Business:

1. None.

17)

New Business:

1. None

Motion to Adjourn at 3:56

Charlie Waddell, Acting Recording Secretary

| <b>VOTING MEMBERS PRESENT</b>     | <b>Yr Apptd</b> | <b>Present</b> | <b>Absent</b> | <b>Email address</b>   |
|-----------------------------------|-----------------|----------------|---------------|--|
| Stan Slabinski                    | 2008            |                | X             | sslabinski@kathabar.com  |
| Steve Brickley (Handbook)         | 2007            | X              |               | steve_brickley@munters.com   |
| Lew Harriman                      | 2008            | X              |               | lewharriman@masongrant.com   |
| Bill Griffiths                    | 2009            |                | X             | wcg@humiditycontrolconsulting.com  |
| Ronnie Moffitt                    | 2009            | X              |               | rmoffitt@trane.com   |
| Norm Maxwell                      | 2009            | X              |               | Normm1@verizon.net   |
| Deepak Pahwa (International)      | 2005            |                | X             | dpahwa@pahwa.com   |
| Milton Meckler                    | 2008            |                | X             | mmedder@designbuildsystems.com   |
| Bill Lull                         |                 | X              |               | ASHRAE@garrisonlull.com  |
| Wayne Caudle (Std Chair)          | 2012            | X              |               | wcaudle@rotorsource.com  |
| Mike Harvey                       |                 | X              |               | <a href="mailto:mharvey@kathabar.com">mharvey@kathabar.com</a>                 |
| Charlie Waddell (Secretary)       | 2010            | X              |               | <a href="mailto:cwaddell@driamerica.com">cwaddell@driamerica.com</a>           |
| <b>Members and Guests</b>         |                 |                |               |  |
| Doug Kosar (CM)                   |                 |                | X             | douglas.kosar@gastechnology.org  |
| Andy Lowenstein (CM)              |                 | X              |               | ail@air.com  |
| Rick Hermans (Section 8 Research) |                 | X              |               | Rick.hermans@mcquay.com  |
| Rich Sweetser (CM)                |                 |                | X             | rsweetser@exergypartners.com   |
| William Worek (CM)                |                 |                | X             | wworek@uic.edu   |
| Rich Wolcott (CM)                 |                 |                | X             | richwolcott@msn.com  |
| Paul Piper (CM)                   |                 |                | X             | ppieper@venmarces.com  |
| Dave Simkins (CM)                 |                 |                | X             | dsimkins@munters.com   |
| Stephen Duda                      |                 | X              |               | <a href="mailto:sh8@ashrae.net">sh8@ashrae.net</a>                             |
| Charlie Cromer (CM)               |                 |                | X             | Charlie@fsec.ucf.edu   |
| Dane Christensen (CM)             |                 |                | X             | Dane.christensen@nrel.gov  |
| Eric Kozubal (CM)                 | 2006            | X              |               | <a href="mailto:eric.kozubal@nrel.gov">eric.kozubal@nrel.gov</a>               |
| Ali Al-Alil (CM)                  |                 |                | X             | aalalili@umd.edu   |
| Michael Sherber (CM)              |                 | X              |               | mike@thefirmagroup.com   |
| Dharam Punwani (CM)               |                 |                | X             | dpunwani@avalonconsulting.com  |
| Louay Chamra (CM)                 |                 |                | X             |  |
| Nick Agopian                      |                 | X              |               | <a href="mailto:nick.agopian@flaktwoods.com">nick.agopian@flaktwoods.com</a>   |
| Tom Rice                          |                 | X              |               | thomas.rice@flaktwoods.com   |
| Gershon Grossman (CM)             |                 |                | X             | grossmng@technicon.ac.il   |
| Ryan Flynn (CM)                   | 2011            | X              |               | Ryan.flynn@munters.com   |
| Peter Vandermueller               |                 | X              |               | <a href="mailto:peterv@7actech.com">peterv@7actech.com</a>                     |
| Craig Burg                        |                 | X              |               | <a href="mailto:craig@desert-aire.com">craig@desert-aire.com</a>               |
| Blake Erb                         |                 | X              |               | <a href="mailto:berb@venmarces.com">berb@venmarces.com</a>                     |
| Randy Higa                        |                 | X              |               | <a href="mailto:randall.higa@sce.com">randall.higa@sce.com</a>                 |
| Eric Johnson                      |                 | X              |               | <a href="mailto:esjohnson@paschal-harper.com">esjohnson@paschal-harper.com</a> |
| Harry Milliken                    |                 | X              |               | <a href="mailto:hmilliken@desert-aire.com">hmilliken@desert-aire.com</a>       |
| Xuan Le                           |                 | X              |               | <a href="mailto:xuan.le@kraton.com">xuan.le@kraton.com</a>                     |