



# TC 8.10 - Mechanical Dehumidifiers and Heat Pipes Main Committee Meeting Agenda for ASHRAE Winter Conference Meeting 2019 Atlanta, Georgia

**Date:** Tuesday – January 15th, 2019

**Place:** Georgia World Congress Center (GWCC), Building B, Floor 3

**Time:** TC 8.10 Main Committee Meeting – 3:30 PM to 5:00 PM

**Note:** TC 8.10 Sub-Committee Meetings – 1:00 PM to 3:30 PM – in the same room.

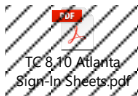
*Note: Within TC 8.10, we discuss research, handbook, and program activities during one combined subcommittee meeting. Voting members are strongly encouraged to attend the subcommittee meeting. Corresponding members and guests are welcome.*

*Scope of TC 8.10: is concerned with mechanical dehumidification equipment and heat pipes and their design performance, applications, and features.*

*Since the majority of the subcommittee meeting has been allocated to the discussion of a specific research project topic, much of the discussion and action for Programs, Handbook, Standards, and other Research will take place at the main committee meeting.*

## **Call to order & Introductions: Chair, Randy Schrecengost**

1. Meeting called to order at 3:30 pm
2. Brief introductions
3. Attendance

a. 

## **ASHRAE Code of Ethics, Chair, Randy Schrecengost**

“In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests”.

## **Determination of Quorum - Chair, Randy Schrecengost**

1. Majority of voting members must be present
  - a. 8 of 8

## **Membership/Roster: Webmaster/Membership Subcommittee Chair, Gayle Davis (12/28/18)**

1. Leadership: 8 voting, 1 non-voting – as of 12-28-2018.
2. 70 total members, 56 corresponding (10 provisional), Miscellaneous Others: 5
  - a. If want to become a provisional corresponding member then please sign-up online
  - b. Chair has discretion to convert a provisional corresponding member to a corresponding member before 2 years

## **Request for Approval of Houston Minutes – Secretary, Kevin Muldoon**

1. Motion: David Baird – Second: Kevin Muldoon
  - a. 8-0-0



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## Request for Any Additions to Current Agenda

1. Addition of MTG discussion to Other Business section of agenda

## Section 8 Meeting Report - Chair, Randy Schrecengost, Vice-Chair, David Baird

1. Discussion of items from meeting to occur
2. When “Awards Nominations” are due
3. Deadlines for programs discussed and addressed in Programs report
4. TC opportunities for tracks

## Liaison Reports:

<b>Section Head</b>	Dustin Meredith
<b>TAC Chair</b>	Thomas Justice
<b>Handbook</b>	Steven Sill
<b>Research</b>	Christopher Seeton

*As Liaisons might not be available at the beginning of the meeting, we will provide them the opportunity to address as they enter following the item on the agenda.*

1. Section Head
  - a. TC consolidation discussion and form review
2. Research Chair
  - a. Items?

## Subcommittee Reports:

### Programs – Program Sub-Committee Chair, Onieluan (Tam) Tamunobere

1. Orlando 2020 submission for update on 198/90.1/920 to be prepared by Craig Burg, Kevin Muldoon and Eric Erdman
2. Partner with 2.2 on submission for track around indoor plant environment design and systems

### Handbook - Handbook Sub-Committee Chair, Ralph Kittler

1. Currently in review period
2. Gayle Davis to review of DOAS chapter
3. Ralph Kittler to review dehumidifiers chapter

### Research - Research Sub-Committee Chair, Alois Malik

1. New Updated RTAR 1566 - “Equations to Estimate Evaporation Rates from Wetted Surfaces”
  - a. Email ballot to be sent after changes to WS are created and other TCs have approved co-sponsorship.
  - b. Kevin M. to reach out to 1.3 on comments



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**Standards - Standards Sub-Committee Chair, Craig Burg**

1. Update on ASHRAE Standard 190-2013, Method of Test for Rating Indoor Pool Dehumidifiers
  - a. 1st public draft being reviewed for submission
  - b. Graphics being updated
2. Update on ASHRAE Standard 198-2013, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency
  - a. Revised draft per latest AHRI 920 and DOE consultants work
  - b. Sections 6 and 7 to be reviewed before Kansas City meeting creating a full draft version.
3. Discussion on creating heat pipe MOT
  - a. Waiting on AHRI 930 to form in order to start ASHRAE MOT work and submit for SPC

**TC Web Site – TC Webmaster, Gayle Davis**

1. Programs tab not populated on 8.10 website
  - a. Gayle Davis to reach out to Mike Vaughn on acceptable, publishable content.

**Other Business**

1. MTG discussion
  - a. Motion to approve Kevin Muldoon as 8.10 voting member and Gayle Davis as alternate member
    - 1) 8-0-0
2. Discussion on consolidation of committees within ASHRAE to reduce the number of committees
3. Discussion on RTAR being developed by 8.12 on non-energy benefits of humidity control
4. Craig Burg, Ralph Kittler and Kevin Muldoon to pull together information for language changes to 90.1 to put in front of mechanical subcommittee.

**Motion to Adjourn – Motion: Kevin Muldoon – Second: Gayle Davis**



# TC 8.10 - Mechanical Dehumidifiers and Heat Pipes Subcommittee Meeting Agenda for ASHRAE Winter Conference Meeting 2019 Atlanta, Georgia

**Date:** Tuesday – January 15th, 2019

**Place:** Georgia World Congress Center (GWCC), Building B, Floor 3

**Time:** TC 8.10 Sub-Committee Meetings – 1:00 PM to 3:30 PM

**Note:** TC 8.10 Main Committee Meeting – 3:30 PM to 5:00 PM – in the same room.

*Voting members are strongly encouraged to attend the subcommittee meeting. Corresponding members and guests are welcome.*

## **Call to order / Opening Remarks / Introductions - Chair, Randy Schrecengost**

1. Meeting called to order at 1:03 pm
2. Brief introductions
3. Attendance



TC 8.10 Atlanta  
Sign-In Sheets.pdf

a.

## **ASHRAE Code of Ethics, Chair, Randy Schrecengost**

“In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests”.

## **Request for Any Additions to Current Agenda**

1. Discussion about involvement in MTG

## **Programs – Program Sub-Committee Chair, Onieluan (Tam) Tamunobere**

1. Discussion of 2.2 submitting for indoor grow op track for Austin 2020
2. Discussion on program submission on providing updates on 90.1/920/198 – Craig Burg, Eric Erdman, Kevin Muldoon

## **Handbook - Handbook Sub-Committee Chair, Ralph Kittler**

1. Add section to existing chapter for dehumidifiers specific to indoor plant environments

## **Research - Research Sub-Committee Chair, Alois Malik**

1. New Updated RTAR 1566 - “Equations to Estimate Evaporation Rates from Wetted Surfaces”
  - a. Send out new RTAR and vote by electronic ballot
    - 1) 8-0-0, CV
  - b. Will need to send to other TCs for voting (TC 1.12, TC 8.12, TC 9.8 & TC 1.3)
  - c. Kevin Muldoon to follow up with RTAR co-sponsors



**TC 8.10 - Mechanical Dehumidifiers and Heat Pipes  
Subcommittee Meeting Agenda for ASHRAE  
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**Standards - Standards Sub-Committee Chair, Craig Burg**

1. ASHRAE Standard 190-2013, Method of Test for Rating Indoor Pool Dehumidifiers
  - a. 1st public draft being reviewed for submission
  - b. Meeting will take place on Sunday, January 13, 2019, 1:00-2:00pm Omni Hotel at CNN Center, M3, North Tower, Walnut
2. ASHRAE Standard 198-2013, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency
  - a. Revised draft per latest AHRI 920 and DOE consultants work
  - b. Meeting will take place on Sunday, January 13, 2019, 12:00-1:00pm Omni Hotel at CNN Center, M3, North Tower, Walnut
  - c. Section 6 and 7 up for review and edit

**TC Web Site – TC Webmaster, Gayle Davis**

1. Gayle D. to review presentation section of website to include seminar presentations

**Other Business**

1. MTG alternate – Gayle Davis
2. Discussion about consolidation of TC/TG/TRG/MTG
3. Review of WS1566

**Motion to Adjourn – 2:53 PM**

TC 8.10 - Subcommittee

(M) - main meeting

Name	Company	Email	member	VEA.
Ralph Kitter (M)	Berasco	ralph.kitter@berasco.net	✓	✓
Orieluan Tamunber	Heat Pipe Technology	tam@heatpipe.com	✓	
Jon Elfi	Heat Pipe Technology	jon@heatpipe.com	✓	
Craig Burg (M)	Desert Aire	craig@desert-aire.com	✓	
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Eric Erdman (M)	Greenheck	eric.erdman@greenheck.com	✓	✓
Daniel Dettmers	Quest/Thermax	ddettmers@thermax.com	(CPA)	
Kevin Muldoon (M)	KCC	kmuldoon@kccmfg.com	✓	✓
DARRELL SANDLEN	CAROLINA HEAT PIPE	DARRELL@CAROLINAHEATPIPE.COM	✓	
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Scott Young (M)	<del>Scott</del> Lawrence Berk Nat'l Lab	SJyoung@ll.gov	✓	N
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BYRON HORAK	INTERTEK	byron.horak@intertek.com		

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26	HAL DONAGI				W	W
27	Svein Morner	HGA	smorner@hga.com		N	N
28	Ned Bent	AHRI	nbent@ahrinet.org		Y	Y ✓
29	Ken Cooper	Retired	kdc@coopshome.us		Y	

23

12

29-8 = 21 - 2 = 19