



**TC 8.10 - Mechanical Dehumidifiers and Heat Pipes  
Main Committee Meeting Agenda for ASHRAE  
Winter Conference Meeting 2017  
Las Vegas, NV**

**Date:** Tuesday – January 31<sup>st</sup> 2017

**Place:** Caesar's Palace, Tribune Room (pool level)

**Time:** TC 8.10 Main Committee Meeting – 3:30 PM to 6:00 PM

- **Call to order & Introductions** - Chair, Tim Sechrist 3:10 pm
- **Determination of Quorum** - Chair, Tim Sechrist
  - 5 of 6 voting members present representing quorum
- **Membership/Roster**
  - Eric Erdman rolls off as a voting member
  - Harry transferring voting rights to Craig Burg
  - Ralph Kittler to become a voting member
  - Kevin Muldoon to become a voting member
  - Gayle Davis will take roll of membership chair
- **Request for Approval of St Louis Minutes** – Secretary, David Baird
  - Harry made motion to approve St. Louis minutes. David Baird seconded.  
Motion passes 5-0-0-CV
- **Request for Any Additions to Current Agenda**
  - None
- **Section 8 Chair Meeting Report** - Chair, Tim Sechrist and Vice-Chair, Randy Schrecengost
  - Hightower award recipient was Paul Lindel
  - Service and Research Award, Joseph Hubert
  - Technology portal available to members now
  - New MTG formed since last meeting
  - Alois Malik volunteered to be liaison for 8.10 on the MTG
  - Discussion on TCs having trouble with programs but to be persistent
  - High regard for people writing papers so have preference
  - Consider John Murphy for nominating the Hightower award
    - Ralph will lead effort



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- **Liaison Reports:**

<b>Section Head</b>	Dustin Meredith
<b>TAC Chair</b>	Michael Bilderbeck
<b>Handbook</b>	Steven Sill
<b>Research</b>	Curt Eichelberger

- Section Head
  - If same parent company but different sub companies then can't both be voting members as creates a conflict of voting.
  - Sub-committee meeting is not required to be prior to main committee meetings
    - Don't start main meeting too early so that others can attend that want to
    - Chair can request a different meeting time
- TAC Chair
  - None
- Handbook
  - None
- Research
  - None

- **Subcommittee Reports:**

- **Program** - Program Sub-committee Chair, Tam Tamunobere
  - Committee decided to focus on Chicago meeting instead of Long Beach
  - DOAS design guide
    - Overview of common design issues with DOAS
    - Overview of DOAS design guide
    - Considering adding ISMRE to topic
    - Part of the requirement of completing a research project
  - Indoor pool dehumidifier
    - Need to nail down speakers
    - Draft to be written and reviewed at Long Beach meeting
  - Deadline for Chicago session proposals is August 1
  - Potential cosponsor with TC 2.2 -Plant and Animal Environments
    - Latent and Sensible calculation for plant
    - Harry made motion to cosponsor, David Baird seconded. Motion passes 5-0-0-CV



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- **Handbook** - Handbook Sub-committee Chair, Ralph Kittler
  - In review phase currently
  - Those interested in giving feedback will coordinate with Ralph as always room for improvement.
  - Benefits of controlling humidity with elevated room temp might be nice addition since energy saving technique
  - Base camp is going and will be used for handbook coordination
  - David Baird offered to help on handbook committee
  - Reinholdt suggested ice rink dehumidifier addition but no further update
  
- **Research** - Research Sub-committee Chair, Alois Malik
  - RTAR - “Equations to Estimate Evaporation Rates From Wetted Surfaces”
    - Discussion on RTAR continuation and industry need
    - Determine who shall lead rework of the RTAR document
    - Determine possible co-sponsor TC(s)
    - Craig Burg to take the lead on this project with Harry sharing past history
  
  - 1712-RP: Development of the ASHRAE Design Guide for Dedicated Outdoor-Air Systems
    - Committee Members voted via letter ballot to approve in November. Measure passed with a vote of 5-0-0-CV.
    - PMS voted to approve for publication in December
    - Task 4, layout and publication is in process
    - No firm publication date but expected before ASHRAE Summer Meeting
    - Task 5 is a new DOAS handbook chapter
    - Expected to be completed in February for PMS approval
    - Seminar presentation proposal for Winter 2018 meeting being coordinated with Programs chair
  
- **Standards** - Standards Sub-committee Chair, Craig Burg
  - ASHRAE Standard 198-2013, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency
    - Cognizant Technical Committee Periodic Maintenance Recommendation to SRS complete
    - TC previously informally appointed Craig Burg as Chair



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- List of volunteers:
  - Brian Rodgers – UL – Users
  - Sunil Nanjundaram – AHRI – General Interest
  - Craig Burg – Producer
  - Byron Horak – User
  - Steve Brown – Producer
  - Alois Malik - Producer
  
- ASHRAE Standard 190-2013, Method of Test for Rating Indoor Pool Dehumidifiers
  - Cognizant Technical Committee Periodic Maintenance Recommendation to SRS complete
  - TC previously informally appointed Titu Doctor as Chair
  - List of volunteers:
    - Brian Rodgers – UL – Users
    - Titu Doctor – General Interest
    - Craig Burg – Producer
    - Byron Horak – User
    - Alois Malik - Producer
  - Scope to include some lab layout modifications and calculation revisions
  - Additional discussion on standards occurred immediately after the Main Committee Meeting.
  
- **TC Web Site** – TC Webmaster, John Murphy
  - Website is current and will update automatically
  - Contact John Murphy if you have any suggestions
  
- **Other Business**
  - Standard UL 474 – Standard for Dehumidifiers to be enforced Feb 9, 2017 and AFCI requirement difficult to meet. Impacts corded dehumidifiers and suggestions sought by the committee.
  - Addition of DOAS equipment to 90.1 will trigger a response by the Department of Energy by March 2018.
    - Void exists in efficiency standards for 20 - < 100% outdoor air units.
    - Potential separate standard be created or update an existing standard to include this range.
    - Standards should be revised prior to DOE action
  
- **Motion to Adjourn** – Harry      4:41 pm