



TC 8.10 - Mechanical Dehumidifiers and Heat Pipes Main Committee Meeting Agenda for ASHRAE Summer Conference Meeting 2018 Houston, TX

Date: Tuesday – June 26th, 2018

Place: Hilton, Room 329 - Floor 3

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

(All TC sub- committees meet from 1:00 PM to 3:30 PM in the same room.)

Note: Since this is a relatively small TC, 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.

Since the majority of the sub-committee 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.

1. Call to order & Introductions - Chair, Tim Sechrist

- Tim Sechrist called meeting to order at 3:30 pm
- Conducted brief introductions

2. ASHRAE Code of Ethics – Chair, Tim Sechrist

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.

3. Determination of Quorum - Chair, Tim Sechrist

- 6 of 8 voting members present (1 non-quorum)

4. Membership/Roster – Gayle Davis

- 62 total members, 7 voting and 1 non-quorum voting
- 42 corresponding (9 provisional)
- 10 YEA members
- After conference:
 - i. Randy Schrecengost to become chair
 - ii. David Baird to become vice-chair
 - iii. Kevin Muldoon to become secretary
 - iv. Alois will stay as Research chair
 - v. Ralph will be handbook and willing to stay
 - vi. John Murphy will not stay as non-quorum member
- If want to become a provisional corresponding member then please sign-up online



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- Chair has discretion to convert a provisional corresponding member to a corresponding member before 2 years

- 5. Request for Approval of Chicago Minutes** – Secretary, David Baird
 - Modification to note that Darrell Sandlin will be the assisting with the DOAS chapter in upcoming handbook
 - Tim Sechrist motioned to approve with noted correction, Kevin Muldoon seconded (5-0-0-CNV)

- 6. Request for Any Additions to Current Agenda**
 - None

- 7. Section 8 Chair Meeting Report** - Chair, Tim Sechrist and Vice-Chair, Randy Schrecengost
 - Both attended the meeting and nothing much new
 - Awards nominations due September 1st
 - Deadlines for programs discussed but addressed in Programs report
 - TC opportunities for tracks discussed
 - ASHRAE is looking for reviewers and conference session chairs

- 8. Liaison Reports:**

Section Head	Dustin Meredith
TAC Chair	Kelley Cramm
Handbook	Steven Sill
Research	Curt Eichelberger

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

- Section Head
 - Ethics questions posed but no changes currently other than to read the ASHRAE Code of Ethics statement at beginning of meeting
 - Forming MTG which Dustin can help get into contact with MTG head
 - Form to fill out and work with the head
 - Roster needs to be reviewed and let notify if any changes by July 1st
 - Presented a certificate for Tim for servicing as chair for last 2 years
- Research Chair
 - Curt Eichelberger will be rolling off after this meeting
 - Peter will be the new one



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9. Subcommittee Reports:

- **Program** - Program Sub-committee Chair, Tam Tamunobere
 - TC 2.2 is planning on a seminar on indoor plant environments and discussed co-sponsoring
 - David Baird motioned, Tim Sechrist seconded (5-0-0-CNV)
 - DOAS pitfalls also being discussed as potential seminar
 - No specific action being taken at this time.
 - Standards is a potential topic but timeline unknown.
 - To be reviewed in Atlanta and determine next steps
 - Standards likely not understood by society at large but wait until ready
 - Tracks for Atlanta
 - Track 1: Systems and Equipment
 - Track 2: HVAC&R Fundamentals and Applications
 - Track 3: Refrigeration
 - Track 4: Construction, Operation, and Maintenance of High Performance Systems
 - Track 5: Common System Issues and Misapplications
 - Track 6: The Convergence of Comfort, Indoor Air Quality, and Energy Efficiency
 - Track 7: Building Integrated Renewables and Natural Systems
 - Track 8: The Engineer's Role in Architecture
 - Tracks for Kansas City
 - Track 1: Systems & Equipment in the Built Environment
 - Track 2: Fundamentals and Applications
 - Track 3: Optimization in HVAC&R
 - Track 4: Commissioning New & Existing Buildings
 - Track 5: Occupant Health & Safety
 - Track 6: Modeling Throughout the Building Life Cycle
 - Track 7: Professional Development
 - Track 8: Research Summit
 - Track 9 (Mini-Track): Radiant Heating & Cooling Mini-Track
- **Handbook** - Handbook Sub-committee Chair, Ralph Kittler
 - TC 9.8 approval of Indoor Pool chapter pending and should be online in 2019.
 - Supposedly approved but Handbook chair was missing from the TC 9.8 meeting to confirm



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- **Research** - Research Sub-committee Chair, Alois Malik
 - RTAR - “Equations to Estimate Evaporation Rates From Wetted Surfaces”
 - Teleconference meeting to review existing WS #1566 shall be scheduled.
 - Review February deadline with Kevin, Alois, Ralph and Craig to lead effort
 - Discussion and suggestions on possible co-sponsors TC 1.12, TC 8.12, TC 9.8
 - TC 1.12 is willing to co-sponsor it
 - Alois to check with liaison if prior co-sponsorship is still valid
 - Craig Burg, Ralph Kittler, and Alois Malik will be meeting on this to revise existing work statement and convert to the latest form with additional requirements.
 - **1712-RP:** Development of the ASHRAE Design Guide for Dedicated Outdoor-Air Systems
 - This project is now complete.
 - Design guide is available for purchase in the ASHRAE bookstore or purchased online.
 - The DOAS Handbook chapter is approved and submitted for publication.
 - Seminar was held in Chicago Winter 2018 to introduce and overview this new DOAS design guide and was very well attended.
 - **ASHRAE willing to support marijuana research**
 - December 3rd is deadline of work statement
 - Potential consideration but focus is on “Evaporation Rates of Wetted Surfaces”
- **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*
 - Committee approved
 - 1st draft edits completed by e-mail
 - Meeting was on Sunday June 24th from 12:00-1:00 in the Hilton, Grand K, Floor 4
 - Lot of work done by the AHRI EC on this standard and developed a method of test which is a deviation to the 920 standard
 - Ned Bent, AHRI, shared with the committee the work done so far to the 198 committee



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- Discussed major points of revision but think it needs to move from 920 to 198
 - Eric Erdman to take the lead
 - Weekly meetings to be used to finalize this going forward
- Base camp likely to be used for collaboration going forward
- By end of 2019 to be completed through public review
- AHRI 920 attempting to be done by August 2018

- ASHRAE Standard 190-2013, *Method of Test for Rating Indoor Pool*
 - Committee approved
 - Meeting was on Sunday June 24th from 1:00-2:00 in the Hilton, Grand K, Floor 4.
 - Planning to have draft by January for first public review and vote at January 2019 meeting
 - Little bit of questions on a few things but editing changes primarily
 - AHRI 910 is done but needs a certification program

- Standards Breakfast Notes
 - Chairs will have an online resource for voting management that is rolling out soon. Context is standards.

- New Standards
 - Possibility of grow rooms but depends on research and seminars

10. TC Web Site – TC Webmaster, Gayle Davis

- All up to date
- Meeting agenda posted
- Draft meeting minutes posted
- Seems to work well and no issues

11. Other Business

- Base camp training will be happening in Atlanta since only 3 TC 8.10 members have an account currently
 - i. Being put together for all of ASHRAE
 - ii. Building a template for TCs to utilize
 - iii. Gayle David willing to be liaison on this since using currently for another TC
 - iv. Great place to archive information for the TC
 - v. Bad thing is it will stay out there
 - vi. Notification to the TC Chair and Vice-Chair at least
 - vii. Suggested using the same e-mail address so makes it easier



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- Historical Committee 125th Anniversary
 - i. Transactions and papers of historical significant being sought
 - ii. 1920 to current time period
 - iii. Anniversary to be conducted July 1, 2019 to June 2020
 - iv. Looking for journal articles which may be of general interest
 - v. Development of equipment might be good (i.e. pools)
 - vi. New special logo approved for 125th Anniversary
 - vii. Trying to define 20-30 individuals who were instrumental to society
 - 1. Looking for possibilities
 - 2. Tentative requirement is to be deceased for at least 5 years
- Transfer of Chairmanship
 - i. Randy Schrecengost thanked Tim Sechrist for his service

12. Motion to Adjourn

- Tim Sechrist motioned to adjourn at 4:27 pm