



## **TC 8.10 - Mechanical Dehumidifiers and Heat Pipes Main Committee Meeting Agenda for ASHRAE Annual Winter Conference Meeting Orlando, Florida**

**Date:** Tuesday – January 26th, 2016

**Place:** Hilton Orlando Lake George B (Floor "L")

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

### **Call to order & Introductions**

Chair, Ralph Kittler called the meeting to order at 3:37 PM

Chair, Ralph Kittler determined that quorum was not present. Any actionable items will be dealt with via letter ballot or interim meeting.

We will do an emergency roster change to add Onieluan Tamunobere and drop Ken Jurgensmeyer from the roster. Eric Erdmann indicated that he may be interested in becoming a voting member. This will be discussed at the next meeting.

John Murphy gave an update on RP-1712 table of contents in done. Three chapters are complete. 4<sup>th</sup> chapter is in review. Dec 2016 is target for approval and published. Project is on budget.

Minutes for Atlanta were not able to be approved due to lack of quorum.

There were no requests for addition to the agenda.

Section Head Dustin Eric Jason Meredith attended and indicated that we should have a member and an alternate assigned to the new indoor pool MTG. We had no other questions regarding this topic.

Chair, Ralph Kittler gave the Section 8 Chair report.

### **Web Site**

Webmaster John Murphy indicates that site is up-to-date. Web template has been changed by ASHRAE.

### **Programs**

The Program Sub-committee Chair, Tim Sechrist was not available. Chair, Ralph Kittler indicated that Mike Schofield of Conservation Mechanical, expressed interest in presenting as part of a seminar. Mike was not available at the main committee meeting. Presumably this would be a topic for a seminar in Las Vegas. Harry Milliken suggested that another speaker and topic be identified as soon as possible. It was suggested that economizer for pool applications may dovetail.



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Harry Milliken suggested that the previously submitted Pool Seminars be resubmitted for Las Vegas. We will assemble the documentation during the meeting in St. Louis.

Craig Burg suggested that we resubmit the DOAS seminar for St. Louis. Ralph Kittler will contact Tim Sechrist to have the previous submittal re-submitted. It was suggested that Track 4 would be the best place for this presentation. It was also suggested that wording "ISMRE" should be included in the main presentation abstract.

A suggestion was made that a potential topic on dehumidifier integration into the larger system could be expanded on in a Seminar. Potential presentations include "What is the threshold for the desiccant?" "Calculation of Latent Loads". No immediate action was taken on this suggestion, but it was determined that we should further the discussion subsequent to the other presentations.

### **Handbook**

Ralph Kittler indicates that the Chapter 25 of Systems and Equipment was submitted after the summer meeting. Galley proofs have not been received as of this meeting. Ralph suggested that for the next meeting that we start to work on the chapter one section at a time during subcommittee meeting.

Indoor pool design chapter has been approved. TC 9.8 is the cognizant TC. Information from Section 5 will be removed and put into the new chapter for now. This will be expanded on as time allows.

Keith Coursin from Desert Aire will be the chair of the MTG- PIAEQ. TC 8.10 needs to provide a voting member and alternate. Ralph Kittler is already a member via 9.8. Alois Malik has expressed interest in being the member appointed.

### **Research**

Research Sub-committee Chair, Alois Malik indicates that AHRI has committed up to \$1 MM to the effort to define next generation refrigerants.

Alois Malik indicates that the research project for water evaporation from pools and wetted surfaces. We will be contacting a couple researchers to discuss.

The issue of duct material suitability for indoor pools was brought up. There is some known informal testing that is taking place. It was decided that this was a potential future research topic and will be added to our list of potential projects.

Alois Malik will circulate the start of an abstract that would detail an idea for the interaction of chemicals in a poolroom environment at variable humidity and temperature levels.



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### **Standards**

Craig Burg indicates that ASHRAE Standard 198-2013, *Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency* is due for revision or reaffirmation.

In accordance with the requirements of Section 13 of the Standards Committee *Reference Manual* (4/29/2015), TC 8.10 (the cognizant Technical Committee) is asked to vote to recommend to the Standing Reaffirmation Subcommittee (SRS) of the Standards Committee whether the subject standard should be

- ❖ Revised,
- ❖ Reaffirmed, or
- ❖ Withdrawn

The three year date for Standard 198-2013 is **1/30/2016**.

Craig Burg indicated that there are a few areas found in the standard that have incorrect units and that changes to AHRI Standard 920 subsequent to the finalization of ASHRAE 198-2013 demand at least minor changes.

The committee suggested that Craig Burg assemble the potential SPC members and prepare ASHRAE forms. Craig would be the SPC chair pending the final official vote of the committee.

Onieluan Tamunobere, Eric Erdmann, and Alois Malik would like to be involved. It was suggested that we find a consultant from Intertek/UL. Craig Burg has already identified that Byron Horak from Intertek has specific interest and would be a good candidate. Involvement will need to be contingent upon interest balance.

Meeting adjourned at 5:12 PM