

DRAFT

ASHRAE TC 8.3 Absorption and Heat Operated Machines Meeting Minutes Monday, January 28, 2013 Winter Meeting – Dallas

The meeting was called to order by the Chair, Ersin Gercek, at 3:30.

1. Ersin Gercek initiated the self-introductions of the attendees and read the purpose statement.
2. A Quorum was established for the meeting. Seven out of seven voting members were present: Ersin Gercek, Laura Schaefer, Rajesh Dixit, Piyush Pater, Paul Sarkisian, Richard Sweetser, and Timothy Wagner. In addition to the voting members, Uwe Rockenfeller, Ken Schultz, Jay Kohler, Srinivas Garimella, and Ebrahim Al-Hajri were also present.
3. Copies of the Minutes of the meeting held in San Antonio, Texas, in June 2012 were sent via email and made available to the attendees at the meeting. Tim Wagner made a motion that the meeting minutes be accepted as written. Paul Sarkisian seconded the motion. The motion passed (7-0-0).
4. Subcommittee reports were presented:
 - a) Programs: TC 8.3 sponsored a session at 8 am on January 30, with four speakers (Seminar 58, Leading Edge Advances in Absorption Cooling Technologies). A proposal was made for a similar session for the Denver summer meeting. The speakers will be Omar Abdelaziz, Yunho Hwang, and Rajesh Dixit. Rich Sweetser made the motion that this seminar be proposed by the TC, and Tim Wagner seconded the motion. The motion passed (7-0-0).
 - b) Research: At the Research Subcommittee meeting, the minutes from San Antonio were discussed and reviewed. The status of the current projects and proposed projects are as follows:
 - 1) TRP 1462. The contract awarded to the U. Nebraska as the prime, and the U. Beijing as the subcontractor. The PI, Dr. Josephine Lau, gave a presentation on the research progress. Recommendations were made as to the progress of the work. Vibration had been selected as the mechanical means to enhance heat transfer for LiBr, and concepts were shown for how the vibration would be achieved. The research subcommittee recommended focusing on the primary properties of vibration (frequency, etc.), rather than just the means of vibration, and stated that the investigators need to make sure that experiments are compared to the actually relevant fluid. A test plan was suggested to examine the fluid with the additive and without the additive to establish an appropriate baseline. Other limitations were also proposed to bound the experiment. The research sub-committee asked the contractor to provide us with a test schedule by the next meeting. Also, they want to add a co-PI, which must be decided by ASHRAE. A vote was proposed on adjusting the project monitoring subcommittee to Uwe Rockenfeller, Tim Wagner, and Ken Schultz (replacing Ebrahim Al-Hajri),

- Rich Sweetser made the motion, and Paul Sarkisian seconded the motion. The motion passed (7-0-0).
- 2) RTAR 1638. Vikas Patnaik followed up with ASHRAE about the missing feedback (his comments will be included with the RSC minutes). If Vikas Patnaik cannot come back to this TC, we will not have a lead person for this RTAR. Paul Sarkisian said he might be able to take the lead.
 - 3) RTAR 1662. Paul Sarkisian checked with ASHRAE about this. ASHRAE doesn't see itself as a primary funder for this RTAR, doesn't see what deliverable from this will profit ASHRAE, and instead thinks industry should be responsible for this sort of project. With all of the negative feedback, the TC agreed to table the RTAR for now. Tim Wager made the motion to that effect, Paul Sarkisian seconded the motion. The motion passed (7-0-0).
 - 4) Application Guide for Absorption Cooling/Refrigeration of Recovered Heat. Some small changes are needed; the biggest issue is that application guide doesn't cover some primary energy source chillers. No one was sure who we talk to in ASHRAE to try to improve this application guide. Uwe Rockenfeller asked Steve Duda (Section 8 head) when he came into the meeting, but he also did not know.
- c) Handbook: Reinhard Radermacher was not present at that point in the meeting, so Tim Wagner presented the report. At the last meeting, the TC approved Ch. 2 for the Fundamentals handbook. It is currently in galleys for review. Ch. 18 (which used to be Ch. 41) in the Refrigeration handbook (absorption chapter) should be coming up soon. As of right now, it is supposed that there are no updates planned, pending possible correction of this notion from Reinhard Radermacher. The changes made last time were fairly minor. That chapter must be approved before March. Tim Wagner moved to approve Ch. 18 as is, and Paul Sarkisian seconded the motion. The motion passed (7-0-0).
 - d) Standards: Paul Sarkisian reported. The SPC 40 ("Methods of testing for rating heat-operated unitary air-conditioning and heat pump equipment") meeting was held today. The meeting was not well attended, so some work still needs to be done. Hopefully, it will be finished within the next 3 months or so. For SPC 182 ("Method of testing absorption water-chilling and water-heating packages"), progress is dependent on revision of AHRI 560. Standard 182 isn't up for revision quite yet, but the TC will need to form a SPC for that once we get more info from ASHRAE.
 - e) Membership: We will need a chair for next year, starting right after the Denver meeting. The new appointee will serve as chair for the NYC meeting. We also need to select a Vice-Chair. Rajesh Dixit might be a volunteer for that. Additionally, Drew Welsh from Johnson Controls has requested to be a CM, starting July 2013. Reinhard Radermacher is rolling back in as a voting member in July. Finally, Rupal Choksi will be a corresponding member starting in July.

- f) Website: Ken Schultz is doing an excellent job with the website. He is very fast on posting new information. We were complimented by the section head on the website.
5. Ersin Gercek presented the chairman's report:
- a) ASHRAE is looking for reviewers for the technical papers that are submitted.
 - b) There are not many seminar slots for Denver. We need a competitive seminar application.
 - c) ASHRAE will be organizing ethics seminars every winter.
 - d) Some TCs are having programs during the TC meetings; this lets you bypass the approval process, by devoting an hour during the meeting for a seminar. The seminar is then listed in the program as a regular meeting, and visitors don't need a badge to attend.
 - e) The Hightower award went to a member from TC 1.10, Lukas Highman.
 - f) Roster updates will be online going forward.
 - g) The TAC website will have a presentation about TCs that can be given at local chapters.
 - h) We have to update our bios on the website because some fields have been added.
 - i) Beta tests are ongoing that allow members to attend meetings on-line.
 - j) There is a page on the website where you can check your own points to see if you qualify for an ASHRAE Distinguished Service award.
 - k) TC deadlines have been added to a Google calendar that can be downloaded for personal use. On a related note, Srinivas Garimella commented that the app for the conference is very good. Ersin Gercek suggested that a way to improve it would be to make the syncing between devices smoother. (There is some syncing capability already.)
 - l) The ASHRAE wiki is available for use and modification. ASHRAE has asked members to support it.
 - m) The research programs committee is asking for donations.
6. Steve Duda (SH8@ashrae.net) presented the section head report:
- a) On the website, a member's primary employment designation will be a tool by which the TC chairs can evaluate the diversity of their TC members.
 - b) As mentioned above, Uwe Rockenfeller asked Steve Duda about how to go about modifying an application guide. He didn't know at the moment, but said that he would find out and let us know.
7. There was no old business added to the agenda.
8. There was no new business added to the agenda.
9. The next subcommittee and TC meetings will be in Denver, starting at the usual times. In the research subcommittee meeting, the research project review will be allocated 30 minutes.
10. Ersin Gercek made a motion to adjourn the meeting, and Rich Sweetser seconded the motion. The motion passed (7-0-0) at 4:40 pm.