

**ASHRAE TC 8.3 Absorption and Heat Operated Machines
Meeting Minutes
Monday, June 27, 2011
ASHRAE Annual Meeting – Montreal, Canada**

The meeting was called to order by Tim Wagner, TC Chair, at 3:30 pm on June 27. Before starting the meeting, Bill McQuade, the section head, asked if there were any issues or concerns. There were none, so he then left the meeting.

Roll Call and Establishment of Quorum

Tim Wagner welcomed all members and visitors, passed around a sign-in sheet, and commenced with the roll call of members in order to establish a quorum. Six voting members were present: Tim Wagner, Rich Sweetser, Uwe Rockenfeller, Vikas Patnaik, Jay Kohler and Ersin Gercek. Abdi Zaltash and Reinhard Radermacher were absent. A quorum of 6 out of 8 was established.

Purpose Statement and Prior Minutes

Tim Wagner read the Purpose Statement and distributed the minutes. Jay Kohler made a motion to approve the minutes, and Uwe Rockenfeller seconded the motion. The committee voted to approve the minutes 6-0-0.

Subcommittee Reports

Research

Uwe Rockenfeller reported on the Research subcommittee meeting, which met before the general meeting. One work statement (WS-1462-TRCP Active Mechanisms for Enhancing Heat and Mass Transfer in Sorption Applications) is approved and will be released for bid as soon as ASHRAE Research funds are available.

RTAR 1638 "Absorption Refrigeration Cycle Training Simulator for Sustainable Resource Use" has been reviewed by RAC - results are expected to be released soon.

An updated RTAR 1641 "Absorption Cycle Computer Simulator" was submitted by Paul Sarkisian in time for review in Montreal. Evaluation results are expected soon.

RTAR "Actual Field Experience with Solar Driven Absorption Chillers" was discussed. It appears relevant but insufficient data exists to form the base of a project.

Jay Kohler initiated a discussion of a possible update of "Application Guide for Absorption Cooling." Jay Kohler and Vik Patnaik volunteered to review the existing publication and provide an assessment and recommendation by October 15. If deemed worthwhile, a letter of support could be requested from ASHRAE Pubs.

Program

Ersin Gercek reported that TC 8.3 sponsored Seminar 46, Achieving Zero Energy Design with Absorption Cooling, at the Winter Meeting (Las Vegas). The programs proposed for Montreal were not accepted. A motion was made by Ersin Gercek to resubmit the same program for Chicago with a revised name: Impact of New Technology Approaches on the Future of Absorption Cooling. The motion was seconded by Uwe Rockenfeller and passed (6-0-0).

Handbook

TC 8.3 is responsible for Chapters 2 and 18 in the Fundamentals and Refrigeration handbook. Reinhard Radermacher has previously noted that no major items need to be corrected. In Chapter 2, the addition of solar heat to the list of “waste” heat sources would be appropriate. Also, it could be useful to add a few paragraphs on adsorption systems. In Chapter 18, the list of currently-available products is outdated. Kai Wang has created a draft detailing recent advanced in adsorption.

Will need to review and approve in Chicago.

Standards

The SPC for Standard 40 (“Method of Testing for rating...”) met this morning. The committee is not whole yet – asked for people with experience with Standard 40 to volunteer.

Vik Patnaik reminded the committee that TC8.3 had voted in January 2011 to reaffirm the standard per the suggestions made by SRS.

Membership

Tim Wagner commented that Ersin Gercek will begin as Chair following this meeting. Several people are rolling off in 2012 – new members will need to be identified.

Website

Ken Schultz continues to post information that is provided to him. Note that he could be name a non-quorum member.

Chairman’s Overview and Report

Tim Wagner reported on the Chairs’ Breakfast:

- CEC wants to improve the technical quality of the technical program. To that end they are considering rating the individual presenters; those with a low score may not be accepted for future

Old Business

There was no old business.

New Business

There was no new business.

Adjournment

Tim thanked everyone for their hard work, and a motion for adjournment was proposed by Rich Sweetser, seconded by Jay Kohler, and approved by the TC 6-0-0. The meeting was then adjourned by Tim Wagner at 4:30 pm.