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## Meeting Minutes TC 5.5 Air-to-Air Energy Recovery

Pacific Room, San Francisco Marriott  
3:30 p.m., January 20, 1998

1. Chairman Kirk Mescher opened the meeting with table introductions.
2. Katherine Hammack made a motion to approve the minutes from the Boston meeting Ben Elkin seconded the motion and the minutes were accepted. (10,0,0)
3. Peter Simmonds Section 5 chair asked all in attendance to consider writing or submitting articles for the ASHRAE Journal on Indoor air Quality and energy recovery He said that research funding for this popular subject was available. The reason many projects were turned down was due to inadequate or incomplete work statements. He was complementary of our research report completed by Bob Besant and felt that we should submit a new project soon.
4. Kirk reported that our back to back seminars were very good and well attended with more than 200 people attending each session.
5. A motion was made by Katherine Hammack and seconded by Dilip Vyavaharkar that changes in ASHRAE policy to end free full meeting registration for speakers and only allow partial credit, be questioned. This would reduce participation in ASHRAE and should not be done. Members and guests voted unanimously in favor of the motion.
6. Subcommittee Reports
  1. Membership - Bert Phillips
    - Members present –Mescher (chair), Vyavaharkar(vice), Elkin (secretary), Phillips, Ambs, Besant, Buckley, Hammack, Shipley, McNab.
    - Members absent – Damshala, Hanna.
  2. Program - Don Fisher
    - San Francisco, Jan 17-21, 1998
      - Don reported on seminar 14 and seminar 20 held on Monday. They were well received and a lively discussion followed. There is a lot of interest in designing smoking areas.
    - Planned programs for upcoming meetings include:
      - Symposium for Toronto, June 1998 "Application and Design Experience with Smoking areas of Commercial Buildings" Chaired by Bert Phillips. Bert has four papers fully reviewed.

- Seminar for Toronto June, 1998 "Patron Comfort in Smoking areas of Commercial Buildings – Case Histories" Chaired by Phillips. Three papers were offered Bede Wellford, Mayada Logue and Don Fisher Bert asked for additional papers.
- Seminar for Chicago January 1999 proposed co-sponsor with T. C. 3.5 "Design and Application of Wheels-both Energy Recovery and Dessicant" Chaired by Katherine Hammack. Garsaran Mathur will coordinate with T. C. 3.5
- Seminar For Chicago January 1999." Retrofits with Energy Recovery to Boost Ventilation Rates." Chaired by Maury Wawryk.

### 3. Standards - Maury Wawryk

- A proposal has been made that ARI and AMCA have a joint meeting on Standard 90.1 Std. 90.1 is out for review with a March 30, deadline. Bede Wellford reported that 1 of 7 proposals was accepted. Motion by Dilip Vyavaharkar for Bede Wellford to be Liaison with 90.1 second by Larry Ambs passed (10,0,0).
- Goal for SPC 84 is to have a working document by the Toronto Meeting
- Maury reported that ARI has published Ratings for Air To Air heat recovery and ASHRAE Std 62 has been put on continuous maintenance. Motion by Ben Elkin to revise Standard 62 title wording from "Ventilation for Acceptable Indoor Air Quality." It is the opinion of the committee that this title implies a warranty of indoor air quality. It is the belief of this committee that this warranty is inappropriate. (10,0,0)

### 4. Research - Peter Grinbergs

- Reviewers for our research report will be Larry Ambs, Kirk Mescher, and Bert Phillips. Robert Besant Gave the final report on our Research report contract 862 Katherine Hammack made a motion that the report be accepted by ASHRAE Second by Bert Phillips passed (10,0,0). Maury called for proposed work statements from members for new research.

### 5. Handbook - Gerry Martin

- Mathur was added as a reviewer for thermosiphons Chapter 42 "AIR TO AIR ENERGY RECOVERY". We do not have a reviewer for Twin Towers.

### 6. Internet

- Dave Shipley reported that the web site was up and available. Motion by Ambs and second by Hammack to complete the link to ASHRAE passed (10,0,0)

### 7. New Business

- Don Fisher reported that a new resource was available for weather data. The Gas Research Institute has a new program called Binmaker available on CD-ROM. This program puts more emphasis on wet bulb temperatures

and is more accurate in predicting latent loads and energy consumption than previous programs. [Binmaker contact information has been moved to the members-only area.]

- Standard 62- This standard was placed on continuous maintenance by ASHRAE. It was reported to the committee that this type of standard action will require constant observation as to the progress of standard revisions. To this end, Bede Welford was appointed as official liaison to SSPC 62 for TC 5.5. Bede will report at each meeting as to the progress of the standard and how energy recovery ventilation fits into the standard.
  - Kirk Reported that we need 4 new members for T.C. 5.5 Corresponding members were asked to review their commitment to the committee and interested parties are to contact Bert Phillips regarding upgrading of membership.
  - T.C. 5.5 will meet in the same time slot in Toronto Tue. June 23. Subcommittee, Handbook Will meet From 1:00 – 2:00 followed by Research 2:00 –3:00 on Sunday.
  - Program committee liaison Bert Phillips
  - Standards committee 90.1 liaison Katherine Hammack.
8. Adjournment: The meeting adjourned at 5:45 p.m.