

**MINUTES OF MEETING
ASHRAE TC 10.8
REFRIGERATION LOAD CALCULATIONS
ATLANTIC CITY
JANUARY 13, 2002**

1. CALL TO ORDER

The meeting was called to order by Chair Bill Kumpf at 3:06 PM. A quorum was present with 7 of 9 voting members present. A total of 19 persons were in attendance although not all were present the whole meeting.

2. INTRODUCTIONS

Self introductions were made.

3. MINUTES

Minutes of the June 2001 meeting in Cincinnati, Ohio were approved as amended by a vote of 7-0-0

4. SUBCOMMITTEE REPORTS

A. RESEARCH: Don Fenton, Chair

1. **Project 1210-** “Refrigeration Load Due to Moisture Desorption from Wood Pallets, etc.” Don Fenton reported this project is still an approved project but has not yet been funded by ASHRAE. It was noted that ASHRAE Research funds have been decreased this year. Only two projects have been put out for bid since last summer.
2. **Project 953** – “Cooler Floor Heat Gain”- Don reported that following submittal of a “final report” in 2001 a continuing dialogue with the Contractor has failed to produce a usable and accurate Design Guide as called for in the Scope of Work and which was also specifically promised by the Contractor in his bid documents. This information was intended to go into the Load Chapter of the 2002 Refrigeration which TC10.8 is responsible for and was to allow a designer to calculate the instantaneous effects of heat gain through perimeter cooler floor insulation. The Contractor was not at the present or last TC meeting. Upon the recommendation of the Project Monitoring Subcommittee a motion was made and passed by a vote of 7-0-1 [George Smith abstained]], to reject the report. This matter will be referred back to ASHRAE for disposition.
3. **Project 1094-** “Coil Defrost Heat Gain”- George Smith deferred to S. Sherif, the Contractor, for the report. [The final report was submitted to the PMS and feedback was solicited.](#) Sherif requested an extension of the project until July 31, 2002. Kumpf suggested the PMS request the extension be a no cost extension. The request must come from the PMS and not from the TC. [This can be handled by email ballot]. PMS for this project includes the following: George Smith, Chairman, Roy Crawford, Dan Kramer, Jim Shepherd, Don Fenton, and Ron Cole. It seemed to be

the consensus of TC10.8 members to allow this extension. [An oral presentation was made by the contractor, S.A. Sherif, University of Florida, at the end of the meeting.](#) It is expected several papers will be derived from the final report. The report will offer several areas for further investigation.

4. **RTAR's** - Don Fenton reported that all the paperwork for RTAR's has been submitted to ASHRAE and is in good order.
5. **Research Liaison**- Martha Hewett. Martha reported that subcommittees of Tech Counsel are to deal with Research Project Priorities. Money is tight so only the best work statements will get funded. RAC will provide guidelines on preparing estimates for bids on projects. There is to be no RAC meeting this spring due to reduction in funds. RAC has an award for outstanding member of ASHRAE who contributes toward Research and nominations are welcome.

B. PROGRAM - Larry Rolison, Chair, was not present.

Chicago- Symposium for Chicago was discussed. Tentative titles: "Different Methods of Achieving Moisture Removal from a Refrigerated Space".....or, "What Happens at Freezing Temperatures in Cold Storage Freezers?" George Smith got involved with this topic in TC10.5 which is a possible cosponsor. Daniel Dettmers has papers from a prior seminar that can be developed into symposium papers. Sherif reported his 1094 Project will support possibly 3 papers. It was noted that the submittal package including reviews for symposium papers must be turned into ASHRAE by August 2, 2002 for the Chicago meeting in Jan 2003. George Smith agreed to be the Symposium Chairman.

C. HANDBOOK- John Topliss, Chair

John reported that he attended the meeting for TC chairs and subcommittee chairs at which they reported that the Handbook has entered the computer age and emphasis is on structuring the Handbook for electronic editions whether on the web or CD's with video and sound. This will not happen overnight but will definitely take place in the future. A questionnaire was handed out concerning the TC's anticipated use of the electronic medium. This is covered below under new business.

D. MEMBERSHIP – Jim Shepherd, Chair

Following the June 2002 meeting the proposed voting membership will be as follows:

1. Ron Cole [TC Vice Chair and Standards Chair]
2. Todd Jekel [Webmaster]
3. Jon Edmonds [TC Chair]

4. Don Fenton [Research Chair]
5. John Topliss [Handbook Chair]
6. Larry Rolison [Program Chair]
7. Jim Shepherd [Membership Chair]
8. Ajay Chatlani
9. Dhirenda Mody
10. Don Siller

E. **STANDARDS-** Ron Cole. TC10.8 has no purview on any standards at this time.

5. **OLD BUSINESS** -

- A. **Website-** Todd Jekel, TC Webmaster, reported the Website for TC10.8 is up and running. Website can be accessed off ASHRAE 's home page. Without specific permission, ASHRAE will allow personal information only to the extent of names of officers and their affiliations on the website. In other words, no addresses or phone numbers. ASHRAE hosted website will become available later this year.
- B. **ASHRAE Std 62-** This standard concerns indoor air quality. Kumpf reported that ASHRAE is considering adding applications of "Industrial Usage" to the scope of this standard.

6. **NEW BUSINESS** - Bill Kumpf reported.

- A. **Handbook Questionnaire-** TC consensus replies to the various planning questions with regard to the need or use of the following for electronic handbook chapters were:
 1. Use of video. Answer: No
 2. Use of interactive graphics. Answer: Maybe
 3. Type of software to be used. Answer: To be determined
 4. Are data bases required? Answer: Yes, such as weather data.
 5. Will links be required? Answer: Yes
- B. **TC10.8 Sunset Review-** Bill Kumpf distributed a handout which described the respective scopes of TC10.8, TC4.1, and TC10.5. Members were asked to review these scopes before next meeting in Honolulu to discuss whether TC10.8 should continue as is, change the scope, be disbanded, or combine with TC10.5.

7. **ADJOURNMENT-** Meeting adjourned at 4:58 PM. Next meeting will be held in Honolulu at 3:00 PM on Sunday, June 23, 2002.

Respectfully submitted,

Jon M. Edmonds,
Acting Secretary
February 1, 2002

c\ashrae\tc10-8\minutes\jan02.doc