Minutes of ASHRAE Technical Committee 10.8 (Unapproved)
Refrigeration Load Calculations
Dallas, Texas Meeting
January 27, 2013

1) Call to Order by Chair Don Fenton at 3:00 PM
2) Self-Introduction and roster sign-in.
   a. The chairman requested self-introduction of members, corresponding members, and guests. All present were asked to sign the roster. See Attachment A.
3) Quorum Call
   a. A quorum was established with 5 of 6 voting members present. Present: Kumpf, Fenton, Hoest, Sluga, Love. Absent: Mody.
4) Minutes from Meeting (June 2012, San Antonio): Minutes were approved 2-0-2. The two abstentions were due to the members being absent at the meeting.
5) Chairman’s report from Section 10 Breakfast
   a. The selection of meeting seminars is undergoing scrutiny.
      i. Completeness and clarity are important
      ii. Only 50 to 60% are approved, but did not get any feedback on why those denied were not approved.
      iii. Seminars with 2 speakers is OK for a 60 minute seminar. 60 minutes is OK for a seminar. It does not need to be the full 90 minutes.
   b. Handbook chapter assignments have been reviewed and approved.
   c. 10.7 is undergoing a scope change
      i. The description will be expanded to include walk-ins less than 3,000 square feet and ice makers. 3,000 square feet is included in the Federal definition of walk-in coolers and freezers.
      ii. There was some discussion about wanting interface between 10.7 and 10.8 with respect to loads.
   d. If conference calls are held, ASHRAE would like to have these advertised so other people interested may attend. Advertise these through Mike Vaughn. The posting will be on the website.
   e. The ASHRAE code of ethics was read by Don. ASHRAE has received 5 complaints about people not following this code.
6) Research Liaison report was given by Pradeep.
   a. There are no active RTARs from 10.8
6) Research Liaison report was given by Pradeep.
   b. ASHRAE has quite a bit of research money available. There are good opportunities to get RTARs approved.
7) Committee Reports
   a. Don is looking for people to take over the Standards and Membership sub-committee chair positions. Doug Scott volunteered to take the Standards position, but noted his current involvement on Standard 62 was a big time consumer as well. Richard Love agreed to take on the Membership position.
b. Webmaster Ryan Hoest stated our website is up to date.

c. Research – Todd Jekel
   i. 1327 RP “Pressure Drop in Risers” by TC 10.3
      1. No report. Don Reindel is the PES
   ii. 1448 RP “Ventilation in Machinery Rooms.”
      1. No additional information
   iii. 1467 RP – “Latent Load in display cases in Supermarkets” by TC 10.7.
      1. No additional information
   iv. 1433 RTAR “Effect of Loss of Vapor Barrier on Insulation Performance”
      1. There was discussion that if this was related to building envelope, it needs to be clarified. Todd was going to review with Andre.
      2. Pradeep said this could go directly to WS. Need to review in committee and get to Pradeep.
   v. 1434 WS – “Refrigerated Facilities Doorway Infiltration Air Energy Reduction”
      TC 10.5 is sponsor, 10.8 is co-sponsor
      2. Need to address comments.
   vi. Todd asked for ideas for new Research Topics
      1. Hydrogen fueled forklifts impact on loads
      2. Better quantifying infiltration
      3. Material Handling
      4. Use of forklifts in general, battery chargers, peak use impact on loads
      5. Ventilation required for chargers. IEEE has issued standards for practices regarding battery chargers.
      6. Design load versus Actual Load for lighting fixtures
      7. Evaporator design. High bays typically have more evaporators than they need.

d. Handbook – Don Fenton
   i. Intent was to have a chapter for review at this meeting. Todd forwarded Chapter 24 to all committee members immediately after the meeting.
   ii. Don would like to update and will revise the chapter with Track Changes. All changes need to be reviewed by Don as the Liason.
   iii. New calculation samples are being reviewed. Bill has been working on and just needs to update the ASHRAE references and proof further.
   iv. Don Cleland will review the moisture in packaging information.

e. Program – Dan Dettmers
   i. Refrigeration Track at Conferences no longer exists. Now part of HVAC&R.
   ii. Possible ideas for future presentations
      1. Lighting in Distribution Centers
      2. Efficiency Gains in High Rise Warehouses
   iii. Denver Program tracks were reviewed.
      1. Need a conference paper for Denver
2. If a speaker receives a rating below 3.5, have to be re-educated on how to be a speaker.

   iv. ALI Coordinator – Dan Dettmers
      1. ALI is looking good.
      2. There are a couple of refrigeration tracks, but they are handled by 10.1

   v. Standards – no report

8) Committee Membership Review
   a. Don Fenton – on until 2014
   b. Don Siller – “in the wings”, but currently off
   c. Ryan Hoest – on until June 2013
   d. Dr. Love – on until June 2013
   e. Doug Scott to become Voting Member
   f. Michele Friedrich is off
   g. Mike Saunders to be Corresponding Member
   h. Tom Wolgamot to become Voting Member

Submitted by Tom Wolgamot, Secretary