

**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 Liason report was given by Pradeep.
  - a. There are no active RTARs from 10.8
  - 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
    - 1. Returned with comments on 10/5/2010.
    - 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