

ASHRAE TC 10.8
Refrigeration Load Calculation
2015 Annual Meeting Agenda

3:00 – 5:00 P.M.
 Sunday, June 28, 2015
 Atlanta Hilton, Room 313 (3rd Floor)
 Atlanta, GA

ACTION ITEMS FROM CHICAGO (WINTER) 2015 MEETING:

A.	Entire TC	Review Load Calculations chapter.	Submit comments prior to January Conference
B.	Todd Jekel, Dan Dettmers	See if Jake (intern) can handle the metric conversion of the new example in Chapter 24. Need to use standard sizes in SI. Also need to review hard versus soft conversion. Need to resolve concern about the disclaimer on the example	In progress.
C.	Todd Jekel	Review with 1.8 the status of the research project they want 10.3 to co-sponsor and see how this may impact 1433.	Todd will do this tomorrow morning at the Research Breakfast.
D.	Doug Scott	Continue development of 1434 – doorway infiltration. Review with TC10.5 for co-sponsor.	Discussed and will continue development.
E.	Entire TC	Continue reviewing and refining new RTAR ideas.	
F.	Dan Dettmers	Continue with TC 10.8 Program development for Orlando & St. Louis.	

Agenda – Atlanta - 2015

1. Call to order at 3:02 PM. Quorum established: Don Felton, Doug Scott, Tom Wolgamot, Dr. Richard Love, Dr. Sherif, Todd Jekel.

Introduction of Members and Guests was done.

2. Meeting Minutes and General Business
 - A. Doug Scott motioned to approve January's minutes. Dr. Sherif seconded. Minutes were approved unanimously.
 - B. Agenda discussed. The Action Items from Chicago were reviewed.
 - C. Reminder was made about Code of Ethics. Business must be reasonable and civil.
 - D. The Committee needs to vote for continuance. This was unanimous.
 - E. There was a reminder of a special Program meeting tonight to accumulate ideas.
Gathering will be in Pavillion #6, 5 to 7.
 - F. Letters of appreciation are available for employers.

3. Report on Section Head Meeting. Ken Cooper was in attendance.
 - A. New website template will be available soon.
 - B. RAC has a session on how to make research easier. This will be Monday at 11.
 - C. Keep Hightower awards in mind.
 - D. Upcoming conferences include Orlando. If want to stay in at the Headquarters hotel, will need to make reservations as soon as they are released. St. Louis is next summer.
 - E. Progress is being made on the ability to conduct remote meetings.
 - F. Ken wants to promote this section as it has a significant impact and want to keep making a difference.

4. Liaison Reports
 - A. Research – John Shonder. John reports that there is nothing outstanding for 10.8. No issues from Mike Vaughn. John is rolling off as Liason. We will have a new Liason next year.
 - B. Handbook (Chapter 24) – Scott Fisher – We are past year one (coasting year) , but need to do review this year. This will need to be done by January meeting 2018. Chapter & Checklist need to be completed. A copy needs to go to Heather and Mark Owen. Scott will send out an email with requirements and deadlines. Don will send a copy of chapter to Todd for further handling.

4. Committee Reports:
 - A. Handbook – Todd Jekel. Nothing new to report. Need to resolve disclaimer concern on the example. The internal position is the disclaimer did not apply to the specific example within the handbook.
 - B. Research – Doug Scott.
1433 – Todd is following up on status of this.

1434 –Infiltration. Doug is working on getting this down to something that is doable.

Possibilities include strip curtains, high-speed bi-folding doors, high-speed roll-up, and air curtains (both horizontal & vertical). Base case is 8'x10' doorway, wide open.

University of Georgia (Hendricks) did a study on an open doorway, but did not account for traffic. If using an open doorway, may need to add heat to a dock in order to maintain the TD across the door. It was noted that moisture generated by defrosting coils is huge. We are going to assume a fully open door is the base case. Goal is to learn which is most effective at controlling infiltration at different conditions: 5000 sq ft, door 8x10, 2 internal temperatures (freezer/cooler), 2 dock temperatures (refrigerated/ambient), multiple fork lift traffic rates. Ideally would also like to compare high-lift door and smaller door. Budget of project may be a concern with cost of hardware. Doug will run a budget.

Other - Discussed other research possibilities for insulation degradation, field study of insulation values. Doug will discuss this with 1.8.

Other - Research topic on defrost methods, comparison of loads developed including loads added to the coil, energy added to the surrounding air, and energy re-absorbed into the coil after restart. Possible co-sponsor with 10.1

C. Programs – Dan Dettmers. Everyone wants more ice cream and beer seminars. Need to come up with interesting topics. St. Louis possibly do a tour at Anheiser-Busch.

Upcoming Meetings are:

Orlando, FL – January 2016

St. Louis, MO – June 2016

Las Vegas, Jan. 28-Feb. 1, 2017

Long Beach, CA – June 24-28

Chicago, IL – Jan. 20-24

E. Webmaster – Ryan Hoest. Everything is up to date

F. Membership – Don Fenton

Don to remain as chair and VM for one year. Doug to be VC and Research, Tom as secretary. These positions will move up one spot in a year. Dr. Love will continue as a VM until 2018. Apichit Lumlertpongpana will continue as a VM until 2019. Todd will continue as a VM for next year. Dr. Sherif will also be a VM for one more year (roll-off July 2016). 7 VM total, will need 4 for a quorum.

G. ALI Coordinator – Dan Dettmers. Nothing to report.

5. Old Business

A. None.

6. New Business

A. Robert Murdoch has been awarded the 50 Years of Outstanding service to ASHRAE certificate. Doug motioned to congratulate Mr. Murdoch. Dr. Sherif seconded. Unanimous vote to congratulate was passed.

7. Announcements

A. The next meeting will be in Orlando, FL on January 24, 2016.

8. Adjournment. Motion to adjourn made by Todd at 4:30. Motion was seconded and passed.

June 28, 2015

TC 10.8 Sign-In Sheet

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