

ASHRAE TC 10.8
Refrigeration Load Calculations
2020 June – Virtually Everywhere

Meeting Minutes

Tuesday, June 16th
10:00:00 AM to 12:00:00 PM EDT
Location: Virtual via ZOOM

1. Welcoming of Guests
2. Establish Quorum
 - a. Voting Members Present (6 of 10): Tom Wolgamot, Dr. Sherif, Doug Scott, John Gallaher, Dr. Todd Jekel, Nick Shockley
 - b. Non-voting members present: (4) Dan Dettmers, Ajay Chatlani, William Kumpf, Carlos Alberto Brignone
3. Code of Ethics

“As members of ASHRAE or participants in ASHRAE activities, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

We will avoid conflicts of interest and behavior that is discriminatory and/or harassing.”
4. Meeting Minutes from January 2020 were reviewed and approved. (Motion by Sherif, 2nd by Gallaher)
5. Report on Section Head Meeting – Charlie Henck
 - a. Activity Form to be completed by July 20th
 - b. Roster to be updated after this meeting
 - c. Hightower Award nominations are due by September 1st
 - d. Any TC Merger is at the discretion of the TC.
6. Subcommittee Reports:
 - a. Handbook – John Gallaher
 - i. Revisions are due February 1, 2021. Have until July 31st for the Committee to review and approve.
 - ii. John will transmit the Chapter and Review Form, and ask people for feedback.
 - iii. Doug will review sections on internal loads and motors and update. Ajay offered additional support.
 - iv. John to discuss with Dr. Love the prior indication to create a new Burdick example using realistic SI values versus just doing a conversion.
 - v. It was noted that it would be relevant to add comments about transitory loads, including those for sanitation/washdown.

- b. Research – Doug Scott
 - i. WS1434 – Refrigerated Warehouse Doorway Infiltration Air Energy Reduction
 - 1. Doug received copies of the references previously studied for review, and shared these with the group.
 - ii. RTAR on Defrost Loads
 - 1. Doug will schedule a call for end of July.
 - 2. Dan and Ajay confirmed interest
 - 3. Multiple references discussed included in IIAR and within Danfoss.
 - iii. Guide on Real World loads versus Calculations
 - 1. References could go in either the Journal or Handbook.
 - 2. Possibility of using the new PTAR process for assistance in this.
- c. Programs – Dan Dettmers
 - i. Seminar and Forum proposals for Chicago are due by Monday, August 3, 2020.
 - ii. Wine and Pizza Load Calculation – DJ and Thomas O'Donnell with EJ Gallo.
 - iii. Debate on ASHRAE 62 Ventilation Requirements
 - iv. Seminar on Transient Loads, including those required for Sanitation
- d. Standards – Doug Scott
 - i. Doug stated that we have no standards.

6. Old Business

- 1. Concern about ASHRAE 62 Ventilation requirements was discussed.
 - a. Review possibility of modifying to be more specific around Ice Rinks.
 - b. John to find GCCA Guideline that enabled a Warehouse to comply with LEED ventilation requirements. (Doug mentioned there were other statements in this Guideline that needed discretion.)
 - c. Was mentioned that TC10.05 would be interested in pursuing efforts in this regard.
 - d. IEA 1986 Air Infiltration Calculation Techniques publication was referenced as pertinent.
- 2. Doug is partially through the review of the Self Directed Learning (SDL) course

7. New Business

- 1. Review of TC Merger/Re-organization
 - a. The following Options were reviewed;
 - i. Option 0 – Remain an independent TC. Support re-organizing Committee meetings to improve collaboration and efficiency.
 - ii. Option 1 – Combine TCs, with TC10.08 combining with TC10.02 and TC10.05.
 - iii. Option 2 – Combine TCs, completely re-organizing the existing Committees.

- b. It was moved and approved to accept Option 1, and become part of TC10.C – Refrigeration Applications.
 - i. There was discussion this Committee would be open to other alternatives.
 - ii. There was comment and discussion about possibly finding an alternate name as “Industrial Refrigeration” is much broader than what this group focuses on.

- 8. Announcements
 - A. The next meeting will possibly and hopefully be in Chicago, 3:00 PM on Sunday January 24, 2021.

- 9. Adjournment

2019–2024 ASHRAE Strategic Plan

- **Mission - To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.**
- **Vision - A healthy and sustainable built environment for all.**
- **Values – Excellence, Commitment, Integrity, Collaboration, Volunteerism, Diversity**

Goals:

- 1. Position ASHRAE as an Essential Knowledge Resource for a Sustainable, High-Performance Built Environment**
- 2. Maximize Member Value and Engagement**
- 3. Optimize ASHRAE’s Organizational Structure to Maximize Performance**

Strategic Plan Areas and Initiatives:

Initiative Area: Built Environment of the Future

- 1. Resilient Buildings and Communities**
- 2. Indoor Environmental Quality**

Initiative Area: Future of ASHRAE

- 3. Organizational Streamlining**
- 4. Improve Chapter Engagement, Capacity and Support**