

ASHRAE TC 10.02
Refrigeration Applications
2021, June 29

Meeting Minutes

Tuesday, June 29th

3:00:00 PM to 5:00:00 PM Eastern

Location: Virtual

Scope: TC 10.2 is concerned with the application of refrigeration systems for precooling, processing, manufacturing and storage of foods, beverages, and other products, including the understanding and procedures for calculating design and hourly refrigeration loads, as well as system energy usage. This TC includes the application of equipment and systems for ice manufacturing and ice storage, as well as ice skating and curling rinks. This scope excludes walk-in freezers and coolers <3,000 sq. ft. and ice making systems less than five tons of ice per day.

1. Call to Order – 2:05 PM CDT
2. Roll Call
 - a. Tom Wolgamot
 - b. Brian Fricke
 - c. Cam Klein
 - d. Charlie Henck
 - e. Don Cleland
 - f. Dan Dettmers
 - g. Danny Halel
 - h. Dave Malinauskas
 - i. David Gauvin
 - j. Doug Scott
 - k. Eric Ramon
 - l. Jose Fregozo
 - m. Greg Scrivener
 - n. Jim Caylor
 - o. John Scott
 - p. Kathleen Neault (late)
 - q. Richard Love
 - r. Ray Cole
 - s. S.A. Sharif
 - t. Doug Scott
 - u. Wayne Borrowman
3. Review of Scope and Merged TCs
 - a. Doug: “System energy usage” is an important part of our scope. We should consider energy analysis and code compliance as part of our duties.

4. Review of Proposed Roster
 - a. Vice Chair – Eric agrees
 - b. Secretary – Cam Klein will step up to this.
 - c. Webmaster – Cam Klein will serve as this.
 - d. Subcommittees
 - i. We want to fill out these subcommittees with people, so it's not just the Chair trying to get it all done.
 - ii. Program Subcommittee
 1. Chair – Richard Love will serve.
 - iii. Handbook Subcommittee
 1. Chair - John Gallaher can't make it today but he may serve as Chair.
 2. David Gauvin – willing to serve as Handbook Chair if John does not want to.
 3. Danny Halel willing to serve on Committee.
 4. The new combined Committee has 23 chapters.
 - iv. Research Subcommittee
 1. Chair - Doug Scott.
 2. Anyone interested in serving on the subcommittee contact Doug. Doug will set a call within the next 45 days to discuss details
 - v. Standards Subcommittee
 1. Chair - Greg Scrivener
 - e. Additional Voting Members
 - i. Jim Caylor - yes
 - ii. Kent Perkins – haven't heard back from him, assume no.
 - iii. Nicholas Shockley – no
 - iv. Danny Halel - yes
 - v. Arthur Sutherland – busy in near future, interested in 2022
 - vi. Kathleen Neault is interested in being a VM.
 - vii. Dr. S.A. Sherif – yes.
 1. He points out that we should stagger/rotate the terms so we don't turn over the entire voting member roster at once.
 - viii. Dhiren Mody would like to be a non-voting member, possibly move to VM next year.
 - ix. John Scott – interested, yes.
5. General Committee Expectations

- a. Subcommittees function as true subcommittees
 - i. Tom would like members to join subcommittees and be active in them.
 - ii. Work together with 10.1. In the past Charlie set up joint meetings with Section 10, although no one took advantage of them.
 - b. Common work-sharing subcommittee meetings with Merged TC10.1 at Conferences
 - c. People with specific expertise-confirm it is applied appropriately. How do so?
 - i. Should we further delineate people on each committee? For example, an ice rink person, a warehouse person, etc. under Research?
 - ii. Discussion on creation of new subcommittees
 - 1. Eric-what would be the focus of the Application/topic-specific subcommittee? There is definitely value in delineating this and getting specific topics to draw industry experts in. But then how do we apply those people to the research, program, and handbook committees?
 - 2. Wayne-be careful, we don't want too many layers. Should we just let industry people who are interested establish these committees?
 - 3. Should we just stick to the idea of having application-specific meetings prior to the committee meeting? Say 2 hours in the preceding week, tell all ice rink people to get together and talk.
 - 4. Determination: Make Market-Specific subcommittees. Make focus of each specific committee to call attention to latest industry trends.
 - 5. Market segment committees we are interested in.
 - a. Ice Rinks
 - b. Refrigerated Manufacturing and Warehouses
 - c. Refrigeration Loads
 - 6. Ray Cole – can we build a matrix of members and their interests?
 - a. For example, Ray is research, cold storage, refrigerated processing.
 - b. Tom – good idea, will send out a poll of the areas and committees. This also helps us identify weak areas and direct recruitment.
 - c. Tom asks all to forward this to others/recruit. Dan suggests posting to the ASHRAE Insights.
6. Review of Outstanding Carry-Over Business
- a. TC10.02 – Dan Dettmers
 - i. Official business is done

- b. TC10.05 – Eric Ramon/Greg Scrivener
 - i. Handbook Chapters
 - ii. Need to go through and get all chapters approved.
 - 1. Lot of chapters (20). Most of them should probably be approved without change. They were all thoroughly reviewed in the last Handbook session, so they should be in pretty good shape now.
 - 2. Deadline is very soon – July 31. Wayne got an extension to the end of August.
 - 3. Eric and Greg have capacity to handle this.
 - c. TC10.08 – Tom Wolgamot
 - i. Official business is done
 - d. Research – Doug Scott
 - i. RTARs and Work Statements that were in development, will be moved over.
 - ii. Doug has plenty of material to work on. Some feedback on one of the RTARs. Greg will help Doug out.
7. Summary of Action Items for Merged TC10.02
- a. Tom will send poll on interests and subcommittee, update website, update roster.
 - b. August 2 – Seminar Proposals due for January Conference. Slated for in-person in Vegas.
 - i. Dr. Love – get some topic ideas now.
 - 1. Idea – set up a seminar committee to represent each industry
 - 2. Easiest to pull together are the back-to-basics/fundamentals ones, and those are also always well-attended too.
 - 3. Consider GWP presentation. This has been a huge topic in California.
 - 4. How about a casino or other venue that has an ice rink? Could we arrange a tour or at least a presentation about it?
 - c. Next meeting – discuss how to encourage young person participation.
 - d. 10.5 and 10.8 members were carried over. But not all are responsive. Is it OK to send out an email to ask people “if you don’t respond, you will be removed” from corresponding members? Charlie says yes.
 - e. Are there aliases/forwarders for all members, or just the Committee Chair? Charlie determined that the officer positions all have aliases. If we make application subcommittees, can we create an alias for that position? Charlie will look into this. Then all the aliases can go on the website.]

- f. Kathleen votes yes to approving Chapter 44 for the old TC 10.2
8. Adjournment – 3:17 PM CDT

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.”

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