

ASHRAE TC 8.11
Unitary and Room Air Conditioners and Heat Pumps
Meeting Minutes

2022 ASHRAE Winter Meeting
Hybrid Conference

Monday 1/31/2022, 5:00 - 7:00 PM PST (Hybrid)

Caesars Palace, Messina (P)

Link to Join: <https://ashrae.webex.com/ashrae/j.php?MTID=m0f84d07e0c5a71b04d776539d93bb076>

Meeting number: 2341 265 1066 Password: TC8.11 Join by phone 18662994153 United States of America Toll Free +14702385742 US Toll Access code: 2341 265 1066

1. Call to order

Kirkwood

2. Review Scope

Technical Committee 8.11 is concerned with products for use in comfort cooling and/or heating systems. The factory engineered vapor compression systems include: (1) unitary equipment which generally requires the field engineering of the product mounting and ducting, piping and electrical connections, (2) room air conditioners such as window mounted units and ductless split systems and (3) packaged terminal equipment. Specifically excluded are unitary combustion-engine driven systems.

3. ASHRAE Code of Ethics Commitment

Kirkwood

"In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests." See full ASHRAE Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>

4. Introductions

All

a. Determination of a quorum

Creamer

VOTING MEMBERS FOR THIS MEETING (Need 7 for a Quorum)

x	Eric Berg	(6/2024)
x	Chad Bowers	(6/2022)
x	Craig Bradshaw	(6/2024)
x	Scott Creamer	(6/2025)
x	Chad Kirkwood	(6/2022)
x	Andrew Hjortland	(6/2025)

x	Kirk Stifle	(6/2023)
x	Khaled Saleh	(6/2025)
x	Chris Stone	(6/2022)
	Jon Winkler	(6/2024)
	Kasey Worthington	(6/2022)

Quorum established with 9 voting members

5. Agenda additions

All

ISO TC 205 Working Group Craig Messmer

Need help with ASHRAE membership please contact Craig Messmer, Stephanie Renichie, or Steve Hammerling if you are interested

6. Chair's Report

Kirkwood

a. Announcements and Highlights from TC Chairs Breakfast Meeting

Reviewed TC Chair's breakfast highlights

TAC has finished its work merging TC's

22-23 Roster rollover, Summer of 2022 will end Chad's term as chair, along with a few voting members

Progression is 2 year as Handbook, Secretary, to Vice Chair, to Chair

Discussed Committee Voting Membership needs to be balanced in terms of interests (producers, general user, etc.)

7. Liaison reports (as they arrive)

Liaisons

a. MTG – Low GWP Refrigerants

Siva G

Siva presented his MTG report (get a copy from Siva for notes to include)

Discussed multiple research projects currently ongoing with low GWP refrigerant

TC8.11 voted to co-sponsored RTAC for Cap tubes

b. Refrigeration Technology

Omar

Nothing to report

c. RAC

Seeton

Not much funding due to Expo being cancelled over the last few years

Now there are 28 projects to be funded which is 2 years of backlog.

Keep writing RTARS so that you can get into the que. Prioritization not necessarily driven by FIFO

New ASHRAE strategic plan that needs to be followed when submitting RTARS

If interested, members can donate online to fund new research

d. TAC Section 8

Mercer

Main thing to think about is the ASHRAE strategic plan. Go to the ASHRAE website to find those. Point 3 is to streamline operations.

Kevin will email the most recent TC activity form. Hybrid meetings are here to stay

Action Item: Kevin Mercer will send out what the interest groups are for Section 8

8. Approval of minutes from Virtual Summer Meeting

Kirkwood

Craig Bradshaw motions to approve, Chad Bowers 2nds

Motion approved 8,0,0 chair not voting

Membership/Roster Creamer

Starting August 1st:

Name	Role	Voting
Chad Kirkwood	Chair	Yes
Kasey Worthington	Vice Chair	Yes
Scott Creamer	Secretary	Yes
Chris Stone	Standards Chair	Yes
Robert Berry	Handbook Chair	
Grant Wheeler	Program Chair	
Eric Berg	Research Chair	Yes

Name	Role	Voting
Chad Bowers		Yes
Craig Bradshaw		Yes
Jon Winkler		Yes
Khaled Saleh		Yes
Kirk Stifle		Yes

Chad Bowers, Chris Stone, Kasey Worthington, Chad Kirkwood will be rolling off the next meeting

Davide Zivani, Jason LeRoy, Kevin McFadden, Omar Abdelaziz will be next voting members

Chad Kirkwood will roll off as Chair, Kasey Worthington will be Chair after summer meeting, Scott Creamer will become Vice Chair, Robert Berry will be next Secretary, Chad Bowers has volunteered to be next Handbook Chair.

Noticed that Darrin Nutter was not on Roster as Web Chair, and has dropped off roster

Siva G has dropped off the Roster, will get him added back

9. Subcommittee reports

a. Unitary Next Generation Test Procedure

Chad Kirkwood

Laying out the next generation test procedure.

Reviewed meeting minutes from UNGTP WG

Several RTARS are under development. Meeting minutes for the UNGTP can be found on basecamp

Next meeting will be within a month from now

Peter Luttik: TC8.10 currently looking to see if the scope of the subcommittee on load-based mapping that pertains to DOAS and unitary heating and cooling equipment units.

Focus for the UNGTP has been primarily on unitary equipment.

b. Programs

Grant Wheeler

Grant Wheeler not present.

Action Item Scott C: To reach out to Grant to get updates for Programs

c. Research

Eric Berg

i. **RP-1785 request for no cost extension**

Scott Creamer makes motion for 12 month no cost extension to 1/31/23. Andy H 2nd. Motion carries (7,0,1 chair not voting) Craig Bradshaw abstained due to conflict of interest

ii. **RP-1824 request for no cost extension**

Committee will need final end date in order to make a motion and will send out a letter ballot to get this approved

iii. **Final report for RP-1743**

iv. **RP1705 – Investigation of Air Side Fouling**

Complaint files to RAC challenging conclusion. No changes made to final report, but RAC suggested more research

v. **RP1721 – Oil Return and Retention**

Project targeted to complete 3/31. Requested a no cost extension

Motion: To provide a no cost extension July 31, 2022 (Chad Bowers makes motion, Craig Bradshaw 2nd)

Motion Carries (8,0,0 Chair not voting)

vi. **RP1733 – Develop Design Criteria for Psychometric Air Samplers**

Could request a no cost extension.

vii. **RP1743 – Effect of Inlet Duct Design**

Eric Berg: Motion to approved finalization of the project (final report in circulation) Khaled Saleh 2nd. Motion carries (8,0,0 chair not voting)

Action Item (Scott C) Schedule a meeting with Eric Berg to finalize room stratification Work Statement

d. Handbook

Bob Berry

Plan on sending out a letter ballot to voting members to approve current chapters in revision

e. Standards

Chris Stone

2 standards in progress.

ASHRAE 37 draft document out for public review should be out in a few weeks

SPC 16 is currently being revised, just got stated on 1/12/22

f. Web site

Darin Nutter

No new business to report

10. Old Business

None

11. New Business

None

12. Adjourn

Meeting adjourns at 7:58 PM PST