



ASHRAE Technical Committee 2.7

ASHRAE TC 2.7 Seismic, Wind and Flood Resistant Design Main Committee Meeting Minutes

3:00pm - 6:00pm, Zoom Meeting Tuesday, July 7th 2020

<https://zoom.us/j/97670301712?pwd=WEpnR3RnTmN2bWRRU0hTTnVqSmhhdz09>

1. **Opening, Hooti**
 - 1.1. Additions, modifications to the agenda
2. **Introduction of those present, All** [5 minutes]
3. **Confirmation of Current Voting Members, Waters**

Motion: Approve
Moved by: Steve D
Seconded by: Harold
Vote count: For: 7 Against: 0 Abstained: 0
4. **Review and approval of the minutes, Clark** [3 minutes]

Motion: Approve
Moved by: Steve D
Seconded by: Harold
Vote count: For: 7 Against: 0 Abstained: 0
5. **ASHRAE Liaisons** [15 minutes]
6. **Secretary's report, Clark** [3 minutes]
7. **TC Chair's Report, Hooti** [5 minutes]

May 27 – too many sections, discussing changes/mergers

All meetings for ASHRAE are being held June 1 – July 31

New rosters are due August 1

TC Merging

TCs that's decide to merge need to vote on title and scope. Rosters need to be completed. TAC has approved 4 TC mergers

There has been reduced revenue due to the pandemic. Research will be put on hold and ASHRAE is encouraging all members to donate as much as they can.

8. **Subcommittee reports (written reports to be given to Secretary)**
 - 8.1. **Standards Subcommittee, Tauby** [3 minutes]
 - 8.1.1.ASHRAE 171 / SPC 171, Tauby

Not present

8.2. Publications Subcommittee, Carlson [15 minutes]

8.2.1.Applications Handbook Chapter 56, *Carlson*

8.2.2.Other publications

8.2.2.1. Practical Guide 2nd Ed., *Tauby*

8.2.2.2. Others – HPAC, ASHRAE Journal, etc

Not Present

8.2.3.Website, Clark/Selman

8.3. Research Subcommittee, Simmons [15 minutes]

8.3.1.Research Chair Report

8.3.2.Current research projects

8.3.3.Proposed research

8.3.3.1. Research project to investigate the basis of the seismic restraint exemption for components weighing less than or equal to 75 lb that are in-line with a duct system was suggested by Karl Peterman.

8.3.3.2. Robert Simmons and Jim Tauby will prepare an RTAR for the 75 lb exemption investigation. TC5.2 and TC5.3 were suggested as possible partners in the research project.

Meeting on June 19th, no current projects

Proposed research – 75lb rule that exists now. Was supposed to be written by R Simmons and J. Tauby. Will move forward with RTAR and send to RAC

8.3.4.Outside research/testing

8.3.4.1. MCEER, PEER, EERI

8.3.4.2. Others

8.4. Programs Subcommittee, Dubensky [20 minutes]

8.4.1.Current Issues/Hot Topics

8.4.2.Possible Programs future –

8.4.2.1. Wind and Seismic International codes for various equipment (Tauby)

8.4.2.2. Certification of seismic brace systems (Kenny Hightower)

8.4.2.3. Seismic certification of equipment (Hooti)

8.4.2.4. Cosponsor of the Fellows Debate. Delegated Design

Debate both sides of topic, 1-3 pm on Tuesdays

Mike Bilderbeck - Lead

Jim Tauby - Debater

Steve Duda - Debater

8.4.3.Next Meeting – Chicago

Programs meeting was held on June 19th, Matthew led meeting.

Seminar 57 – tornadoes and hurricanes – virtual, Robert and Harold presented

Q&A sessions on July 1st

Chicago

Papers due July 8th, seminars August 3rd

Submitting Wind and Seismic by Jim

Kenny will resubmit certification of seismic for the 3rd time

8.5. Long range planning, *Hooti* 27min

- 8.5.1. Installation inspections
- 8.5.2. Testing and certification
- 8.5.3. System approach
- 8.5.4. Committee position on engineering disciplines appropriate for design of seismic/wind for non-structural components such as HVAC

8.6. Other committees

[15 minutes]

- 8.6.1. Seismic Certification, *Carlson*
- 8.6.2. Inspections, *Simmons*
- 8.6.3. Codes and Specifications, (*Selman, Peterman*)
- 8.6.4. Wind resistance, (*Papavizas*)
Panos retired, looking for new volunteer to take over wind resistance
- 8.6.5. Flood resistance, (*Carlson*)

9. Liaisons,

[20 minutes]

- 9.1.1.1. ASHRAE Handbook Liaison (if present)
- 9.1.1.2. ALI, *Warick*
- 9.1.1.3. ASHRAE TG 2.HVAC Security, *Campbell/Peterman*
Change to TC 2.10 in agenda
- 9.1.1.4. ASHRAE TC 2.6 Sound&Vibration, *Hooti*
Want to have same nomenclature for table in ...
Some identical isolator, chapter 56 discrepancy
- 9.1.1.5. ASHRAE TC 5.1 Fans, 5.2 Duct, 9.6 Healthcare, 9.7 Educational, 9.9 Mission Critical, 9.4 Justice facilities and security(Fitts)others
9.4 is merging with TC 9.8
- 9.1.1.6. ASTM E33 (E580 ceilings), *Peterman*
- 9.1.1.7. ASCE, *Simmons/Peterman*
- 9.1.1.8. ICC, *Campbell*
- 9.1.1.9. BSSC, FEMA, NEHRP, *Simmons/Campbell*
- 9.1.1.10. ATC, *Carlson*
- 9.1.1.11. AHRI, *Abbate*
- 9.1.1.12. VISCMA, *Warick*
- 9.1.1.13. SMACNA, *Deer*
- 9.1.1.14. MSS, *Naik*
No new updates
Meeting postpone to august, no new meetings since last ashrae conference
- 9.1.1.15. Others: ACI, INCE, NCAC, USGS, USGBC, MCEER, PEER, etc.

10. Operations Subcommittee, *Waters*

[15 minutes]

- 10.1.1. Honors and Awards, *Steve Duda*
Couple of awards
Nominations due September 1st
Hightower award – individual with diligence volunteering for technical committees
Email Steve with any suggestions

Service to ASHRAE research award – anyone involved in ASHRAE research. Someone who participates in a lot of research or writes a lot of RTARs

- 10.1.2. Membership, *Waters*
 - 10.1.2.1. Review of roster
- 10.1.3. Subcommittee times for next meeting

11. New business/Old business

[20 minutes]

12. Next meeting date and location - Chicago IL, Jan. 2021

Steve motion to adjourn

Prasad second

13. Adjourn 3:45