

ASHRAE TC 2.7
Seismic, Wind and Flood Resistant Design
Main Committee Meeting Agenda
2024 ASHRAE Annual Conference
Hybrid Meeting
Tuesday 6/25/2024, 3:30 - 6:00 PM EDT
JW Marriott, 203 (2)

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Meeting ID: 240 480 507 502

Passcode: SU8y5a

1. Opening

Harold Dubensky

a. Review Scope

Technical Committee 2.7 is concerned with fundamental scientific and engineering design principles for the resilient design of HVACR equipment and building mechanical, electrical, and plumbing service systems for resistance to natural hazards including seismic, wind, and flooding.

b. ASHRAE Code of Ethics Commitment

Harold Dubensky

"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>

c. Additions, modifications to the agenda

All

2. Introductions of those present and virtual

All

3. Confirmation of Current Voting Members

Erika Spangler

VOTING MEMBERS FOR THIS MEETING (Need (?) or ½+1 for a Quorum)

TC 2.7 Voting Members	Non-Voting Subcommittee Chairs
Harold Dubensky – Chairman - Yes	Open - Handbook
John Giuliano -Yes	Erika Spangler - Secretary
Robert Simmons – Research - Yes	
Paul Selman – Vice Chair, Webmaster - Add	
James Tauby – Standards -Yes	
Wenchao Song - Add	
Mohammed Anbari - Add	
Robert Haddock- Add	
Matthew Hooti- Add	
Eli Howard - Add	
Ganeson Kandasamy - Add	
Prasad Naik - Add	
Camen Andrews - Add	
Ashish Tripathi - Add	

4. Review and approval of minutes from January 23, 2024, Winter Meeting

Harold Dubensky

5. ASHRAE Liaisons

As they arrive.

6. Secretary's Report

Erika Spangler

7. TC Chair's Report

Harold Dubensky

8. Membership/Roster/Officers

Harold Dubensky

As of July 1, 2024: Voting members and/or subcommittee chairs.

Name	Role	Voting	
Harold Dubensky	Chair	Yes	
Paul Selman	Vice Chair	No	Add Voting
Erika Spangler	Secretary	No	
Robert Simmons	Research Chair	Yes	
James Tauby	Standards Chair	Yes	
Harold Dubensky	Program Chair	Yes	
Paul Selman	Webmaster	No	Add Voting
Open	Publications Chair	No	
Open	Handbook Chair	No	

- a. ASHRAE requires a TC Balance - See update FG MOP on basecamp.
- b. Term limits:
 - a. Chair = 2 years with a 1-year extension through the approval of the Section Head.
 - b. Vice Chair = 2 years.
 - c. The Chair's term is not limited by the policy limiting normal Member and Member Non-Quorum reappointments to four (4) consecutive terms.
- c. Chair and Vice Chair MUST BE ASHRAE members!
- d. The Chair should have served at least one one-year term as Vice Chair or Secretary.
- e. Corresponding Members can serve in all TC management positions except Chair.
- f. July 1, 2024: updates to voting members and/or subcommittee chairs. Email for the Roster Update Form will be sent the first of February.
 - a. ~ 2 weeks to make updates.
- g. Provisional Corresponding Members are dropped or changed to a Corresponding Member after 2 years.
 - a. The TC chair will email you to see if you want to be a Corresponding Member.

9. Subcommittee reports (written reports to be given to Secretary).

a. Standards Subcommittee

James Tauby

- i. ASHRAE 171 / SPC 171
 - a. Vote on Standard 171-2017 to Revise, Reaffirmed, or Withdrawn
 - b. TC Recommends Revising Standard 171 – Voted on 1/23/23 - 4-0-0-0

b. Publications Subcommittee

- i. Applications Handbook Chapter 55
- ii. Other publications
 - a. Practical Guide 2nd Ed.
 - b. Others – HPAC, ASHRAE Journal, etc.
- iii. Website report

TBD

James Tauby

Paul Selman

c. Research Subcommittee

Robert Simmons

- i. Research Chair Report
 - a. Update on ACI committee focused on anchors and foundations. Susan Izbal is the chair of this ACI committee.
- ii. Current research projects

- iii. Proposed research
 - a. A 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.
 - b. 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.
- iv. Outside research/testing
 - a. MCEER, PEER, EERI
 - b. Others

d. Programs Subcommittee

Harold Dubensky

- i. Summary of Programs that were submitted for Chicago, IL.
 - a. **Rooftop Equipment: Support, Noise Control, and Restraint**
- ii. Current Issues/Hot Topics
- iii. Possible Programs future
 - a. Seminar on testing
 - b. Surviving Disasters
 - c. Wind program.
 - d. Possible session on Back to the Basics
 - e. Possible session on updates to ASCE 7
 - f. Possible session on the results of shake table testing changing manufacturer behavior and design.
- iv. Next Meeting – Orlando, FL

Chair: Karl Peterman

Jim Carlson

e. Long range planning

Harold Dubensky

- i. Installation inspections
- ii. Testing and certification
- iii. System approach
- iv. Committee position on engineering disciplines appropriate for design of seismic/wind for nonstructural components such as HVAC

f. Other Committees.

- i. Codes and Specifications
 - a. Hot Topics session
 - b. NIBS (National Institute of Building Sciences)
 - i. NIBS (National Institute of Building Sciences, <https://www.nibs.org>).
 - ii. ASHRAE participant for their code development process. They are about to begin the process of updating the 2026 NEHRP (National Earthquake Hazards Reduction Program) provisions based on an amended ASCE/SEI 7-22.
 - iii. Karl Peterman has agreed to be the TC 2.7 representative.

Karl Peterman

Karl Peterman

10. Liaisons

- a. TAC Section Head.
- b. ASHRAE Handbook Liaison (if present)
 - i. Wind
 - ii. Seismic
 - iii. Flooding
 - iv. Code reference in handbook chapter 56
- c. NEMA- a new seismic guide on building code seismic qualification
- d. ALI (ASHRAE Learning Institute)
- e. ASHRAE TC 2.10 HVAC Security
- f. ASHRAE TC 2.6 Sound & Vibration
- g. ASCE

Lan Chi Nguyen Weekes

Jim Tauby

Karl Peterman

Open

Paul Selman

Open

Don Warick

Karl Peterman, Joel Walters

Paul Bauch, Karl Peterman

Robert Simmons, Prasad Naik

- h. ICC
- i. BSSC, FEMA, NEHRP
- j. AHRI
- k. VISCMA
- l. SMACNA
- m. MSS (Manufacturers Standardization Society)
- n. Others: ACI, INCE, NCAC, USGS, USGBC, MCEER, PEER, HCAI, etc.

11. Operations Subcommittee

- a. Honors and Awards
- b. Bylaws
- c. Subcommittee times for next meeting

12. New Business / Old Business

13. Next meeting date and location

- a. Orlando, FL 2/8/2025- 2/12/2025

14. Adjournment

Open
Karl Peterman
Ladan Bulookbashi, Jaime Yeh
Don Warick
Scott Barr
Prasad Naik
Open

Harold Dubensky
Steve Duda
Karl Peterman
Harold Dubensky

Harold Dubensky

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