

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

SIGN IN SHEET  
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Google DOCS  
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Microsoft Teams meeting  
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Meeting ID: 240 480 507 502  
Passcode: SU8y5a

**1. Opening**

**Harold Dubensky**

[Meeting Start: 3:36PM EST](#)

**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)*

<b>TC 2.7 Voting Members</b>	<b>Non-Voting Subcommittee Chairs</b>
Harold Dubensky – Chairman - Yes	Erika Spangler - 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 (Bassel) Anbari - Add	
Robert Haddock- Add	
Matthew Hooti- Add	
Eli Howard - Add	
Ganeson Kandasamy - Add	
Prasad Naik - Add	
Camen Andrews - Add	
Ashish Tripathi - Add	
Erika Spangler – Add	
Don Warick – Add	

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

- a. Meeting minutes from Chicago approved

**5. ASHRAE Liaisons** **As they arrive.**

Lan Chi Nguyen Weekes

- a. Review webpage for accuracy
- b. Latest minutes posted to website
- c. Encouraged to share accomplishments not only complaints!

**6. Secretary's Report** **Erika Spangler**

**7. TC Chair's Report** **Harold Dubensky**

- a. Slides to be added to minutes

**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	Add Voting
Robert Simmons	Research Chair	Yes	
James Tauby	Standards Chair	Yes	
Harold Dubensky	Program Chair	Yes	
Paul Selman	Webmaster	No	
Erika Spangler	Handbook/Publications 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. 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.
- 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. TC Recommends Revising Standard 171 – Voted on 1/23/23 - 4-0-0-0
- b. Approved by ASHRAE

**b. Publications Subcommittee**

**Erika Spangler**

- i. Applications Handbook Chapter 56
- ii. Other publications
  - a. Practical Guide 3rd Ed.
  - b. Others – HPAC, ASHRAE Journal, Pocket Guid etc.
- iii. Website report

**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. RTAR to investigate the basis of the seismic restraint exemption for components weighing less than 75 lbs that are in-line duct system.
  - b. Adjusting wind coefficients in round duct and pipe potentially to co-sponsor with TC 5.2 – Robert proposes we do a RTAR with Bob Reed. SMACNA could be another potential co-sponsor. TC5.1 could be another potential co-sponsor.  
(2) RTARs:
    - i. Rooftop mounted fans - Harold & TC5.1 to work on RTAR
    - ii. Long distribution systems – Karl and Bob will work on RTAR
  - c. Discussed ballasted systems restraining PV Systems – no proposed RTAR
- iv. 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. Jim Tauby reached out to SMACNA and they would like to co-sponsor.
- v. 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.
- vi. Outside research/testing
  - a. MCEER, PEER, EERI
  - b. Others

**d. Programs Subcommittee**

**Harold Dubensky**

- i. Summary of Programs that were submitted for Indianapolis, IN.
  - a. Rooftop Equipment: Support, Noise Control, and Restraint

**Chair: Karl Peterman**

- ii. Current Issues/Hot Topics
- iii. Possible Programs future

- a. Resubmitting Chicago tracks – by August 2, 2024
- b. Seminar on testing
- c. Surviving Disasters
- d. Wind program

**Jim Carlson**

- e. Possible session on Back to the Basics
- f. Possible session on updates to ASCE 7

- g. Possible session on the results of shake table testing changing manufacturer behavior and design.

- iv. Next Meeting – Orlando, FL

- a. Fukushima Daiichi Nuclear Disaster – Jim Carlson
- b. Hurricane Harvey – Robert Simmons
- c. Hurricane Andrew/Ian – Harold Dubensky

- 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 **Karl Peterman**
    - a. Changes to be made to ASCE7-22 need to be submitted by January
  - b. NIBS (National Institute of Building Sciences) **Karl Peterman**
    - i. NIBS (<https://www.nibs.org>) is looking for a new 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.

## 10. Liaisons

- a. TAC Section Head. **Lan Chi Nguyen Weekes**
- b. ASHRAE Handbook Liaison (if present)
  - i. Wind **Jim Tauby**
  - ii. Seismic **Karl Peterman**
  - iii. Flooding **TBD**
  - iv. Code reference in handbook chapter 56 **Paul Selman**
- c. NEMA- a new seismic guide on building code seismic qualification **TBD**
- d. ALI (ASHRAE Learning Institute) **Don Warick**
- e. ASHRAE TC 2.10 HVAC Security **Joel Walters**
- f. ASHRAE TC 2.6 Sound & Vibration **Paul Bauch**
  - [Updating Table in Chapter 49 – Looking for feedback from manufacturers regarding various types of equipment.](#)
- g. ASCE **Robert Simmons, Prasad Naik**
- h. ICC **TBD**
- i. BSSC, FEMA, NEHRP **Karl Peterman**
- j. AHRI **Jaime Yeh**
- k. VISCMA **Don Warick**
  - [Reviewed/Updated bulletins to ASCE7-22](#)
  - [Website to be redone](#)
- l. SMACNA **Bob Reid**
- m. MSS (Manufacturers Standardization Society) **Prasad Naik**
- n. Others: ACI, INCE, NCAC, USGS, USGBC, MCEER, PEER, HCAI, etc. **TBD**

## 11. Operations Subcommittee

- a. Honors and Awards **Harold Dubensky**
- b. [SPC 171 Meetings Tuesday Morning \(once communicated to Standards Chair-Jim Tauby\)](#) **Steve Duda?/Pat Marks**

## 12. New Business / Old Business

**Harold Dubensky**

## 13. Next meeting date and location - Orlando 2025 Winter Conference

**Harold Dubensky**

## 14. Adjournment

**Harold Dubensky**

[Meeting Ended: 5:18PM EST](#)