

TC2.7 Subcommittee Meeting

Meeting Adjourned: 3:01PM

Review and Approval of Minutes from June 27, 2023, Annual Meeting

- Looking for someone to take over Flooding from Jim Carlson (retired)

Standards Subcommittee: [Jim Tauby]

Committee assumed Minor editorial revisions to Standard 171; Mark Weber is deeming changes as Major.

- Reform, **Revise**, Withdraw
- *Discuss revision to be discussed in main meeting*
- Harold & Subcommittee to fill out form and return to Mark Weber, voting will take place in main committee meeting

Publications Subcommittee: [Jim Tauby]

1. Practical Guide

- Adding New Zealand 4219 reference standard and Australia 1170.4, 1170.5 building code
- Illustrations will not change
- Exceptions reference have changed due to numerous exceptions
- Updating USA codes to reference ASCE7-16
 - Potential committee comments to include 7-22 (Karl P.)
 - Add verbiage to mention there are significant changes in 7-22, if job requires (Robert S.)
 - Change ASHRAE Chapter 55 first before updating Practical Guide (John G.)

2. Chapter 55 Seismic, Wind, Flood – [TBD, need new Publications Chair]

- Next cycle would be in 2027 (every 4 years), need to begin work in 2026

*SMACNA guidebook will reference ASCE7-22

Research Subcommittee: [Robert Simmons]

- No current ongoing research
- Potential Topics:
 1. RTAR for investigating the basis of the seismic restraint exemption for components weighing less than 75 lbs that are in-line with a duct system is being prepared by Robert Simmons. – **Reminder; RTAR by Indianapolis**
 2. Proposed by Panos Papavizas to consider a project to determine appropriate coefficients for horizontal and vertical design wind pressure for rooftop equipment on tall buildings. It is widely considered that the current coefficients in ASCE/SEI 1-16 are overly conservative for tall buildings where the height to plan dimension aspect ratios are large.
 - Screens - What to do with wind load and how coefficients are applied; tied to past research (RP 1692)
 - Adjustment of coefficients for horizontal pipe and other rooftop components to account for aerodynamics
 - Ballasted Systems
 - Research 1.9 horizontal factor and 1.5 vertical factor for accurate wind coefficients
 3. TC 2.10 potentially pitched a research topic in Tampa (Erika and Pat remember something but no details) – Erika to reach out for clarification

Programs Subcommittee: [Harold Dubensky]

Seminars must be submitted by **February 26, 2024** for Indianapolis

Isolation and Restraints of RTUs for Wind and Seismic (Chair – Karl)

- Isolation – TC 2.6 Karl to confirm
- Curb Mounted Equipment – John Giuliano
 - Equipment Rails
- Frame Mounted Equipment – Jim Tabuy
- Distribution Systems – Matthew Hooti

Codes and Specifications:

NIBS - NEHRP calling for ASHRAE participation/volunteers – Karl Peterman

TC 2.7 Main Meeting Minutes

Confirmation of Current Voting Members:

(4) Voting members present; 8-10 voting members recommended

Standards Subcommittee..... Jim Tauby

ASHRAE 171 / SPC 171

- Received comments from HCAI, revise document to include/address comments
 - This will be third addition
 - Voting members - Unanimous approval (4-0-0)

Research Subcommittee..... Robert Simmons

Chris Gray new research

- Co-funded research will move to the top of review list
- Potential Research Projects:
 - 75 lb exemption rule for in-line duct
 - Robert Simmons to prepare a RTAR ***Monthly Reminder**
 - Wind Coefficients likely too conservative 1.5/1.9
 - (RP 1692) potential follow project
 - Use of ballasted systems
- [Link](#) to Research Subcommittee Notes

Programs Subcommittee..... Harold Dubensky

- [Link](#) to Programs Subcommittee Notes

Summer 2024 ASHRAE

Isolation and Restraints of RTUs for Wind and Seismic (Chair – Karl Peterman),

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Delegated Design – Orlando Meeting

Handbook idea:

- Seismic
- Wind
- Flooding
- Tornado
- Code Reference Paul Selman

Push towards A2s, A2L and B1s refrigerants and flammability – something to address related to seismic bracing? ASHRAE 34, list hazardous properties of new refrigerants – reference MTG Low G

Liaisons:

- TAC Section Head..... Lan Chi Nguyen Weeks
- Activity form needs to be in by 9PM tonight (1/23/24)
- TC 2.10..... Joel Walters
- Committee is planning Honorary award for Scott Campbell
- TC 2.6..... Paul Bauch
- Isolator references match with TC 2.7
- ASCE..... Prasad Naik
- 7-28 inclusion of seismic coefficients
 - New Chapter 32 to include Tornado wind loading
- VISCMA..... Don Warick Jr.
- SMACNA..... Scott Barr
- Manual coming out in Summer 2024
 - Scott will let Harold know when manual is out for public review to share with TC
- MSS (Manufacturer Standardization Society)..... Prasad Naik