

ASHRAE TC 1.12
Moisture Management in Buildings
Full Committee Meeting

2024 ASHRAE Summer Meeting,
Indianapolis

Subcommittee Meeting
Saturday 6/22/2024, 8:00 AM - 12:00 PM
EDT
JW Marriott, 303 (1)
[Hybrid](#)

Main Committee Meeting: Saturday 6/22/2024, 1:00 PM - 3:00 PM EDT
JW Marriott, 303 (1)
[Hybrid same Zoom Link](#)

1. Call to order **Carl Grimes**

2. Review Scope **Carl Grimes**

TC 1.12 is concerned with the interaction between the weather, the building envelope, its systems and its occupants which either lead to moisture accumulation or which prevent it.

3. ASHRAE Code of Ethics Commitment **Carl Grimes**

“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: 6 present, quorum reached

VOTING MEMBERS FOR THIS MEETING (Need (6) or ½+1 for a Quorum)

Carl Grimes	07/01/2025
Erika Bonfanti	06/30/2024
Dave Finley	06/30/2024
Wahid Maref	06/30/2024
Don Snell - no	06/30/2027
Simon Pallin - no	06/30/2024

Deborah Callaway - no	06/30/2025
Danko Davidovic	06/30/2026
Paul Haas - no	06/30/2024
Ed Light - no	06/30/2025
Mikael Salonvaara	06/30/2026

5. Agenda additions – none

6. Chair’s Report

a. Chair’s Goals and Announcements – Discussed that moisture effects on buildings and occupants is not a topic in tracks for future conferences, despite being fundamental to many topics; our TC should submit along a track if it is affected by moisture, even if moisture is not specifically mentioned.

We also discussed that we are looking for chairs for two of the subcommittees due to vacated positions: Handbook, Standards, as well as a webmaster. Interested attendees were encouraged to reach out to Carl.

7. Approval of minutes from Hybrid Chicago Meeting **All/Carl Grimes**

Wahid Maref moves to approve, Dave Finley seconds. Motion passes unanimously.

8. Membership/Roster

Diana Fisler (not in attendance)

Roster migration into a new platform requires confirmation of correct position and start/ end dates. Carl requests all members verify and report inaccuracies as previous inconsistencies were noted.

Name	Role	Voting
Carl Grimes	Chair	Yes
Erika Bonfanti	Vice Chair	Yes
Diana Fisler	Secretary	Yes
Wahid Maref	Research Chair	Yes
Don Snell	Standards Chair	Yes
Simon Pallin	Handbook Chair	Yes
Dave Finley	Program Chair	Yes
NA	Webmaster	

Name	Role	Voting
Deborah Callaway	Voting member	Yes
Danko Davidovic	Voting member	Yes
Paul Haas	Voting member	Yes
Ed Light	Voting member	Yes
Mikael Salonvaara	Voting member	Yes

9. Subcommittee reports

a. Research

Wahid Maref

Research will be updating on the TC 1.12 vote on RP 1844 and other updates on the project, as well as any progress on the identified topics from previous meetings. A dissemination of information summary will be posted on Basecamp for review prior to public availability.

Andre to write an RTAR for managing construction moisture, discussed in more detail below.

Emishaw Iffa to write an RTAR for development of a risk assessment practitioners guide, to be submitted before the next meeting.

Carl Grimes to write a draft proposal/possible RTAR (with Florian Antretter, Ed Light, and Peter Luttik) on occupant comfort, health and wellbeing, to be submitted as a draft for review before the next meeting. This will be combined with info from Guideline 10 which is in publishing.

Mikael Salonvaara to write an RTAR for electrification.

b. Section Head Update

Jason Atkisson

ASHRAE has developed new policies for AI, as well as new technical committees (TC 9.13) and MTGs. The intent is to address AI implications on the HVAC industry.

The roster update in the new online tool is due July 1st. We discussed the addition of new subcommittee chairs, whom do not need to be voting members, as well as issues with the tool. Email to sh1@ashrae.net will come to Jason directly.

We requested clarification on how to fit moisture in the future conference tracks- we can always submit under fundamentals, and humidity in educational facilities was noted as a focus due to ASHRAE's knowledge of industry issues. Fundamentals tracks that teach students basics are always appreciated. Debates, if combined with other TCs, may also be considered.

c. Handbook

Simon Pallin (not in attendance)

Handbook will be updating us on the approaching deadline for revising fundamentals.

d. Standards

Don Snell (not in attendance)

MTG on Damp Buildings, Human Health, and HVAC Design has been renewed for 4 years, as well as ASHRAE's Position Document on Limiting Indoor Mold and Dampness in Buildings. Suggested updates for submission are requested on Basecamp.

Guideline 10-23 Addendum H is in publication, definitions have been approved. They are seeking volunteers to form a committee and review these documents.

Standard 241P Control of Infectious Aerosols will go out for a public review when they propose for ANSI approval. We can reply and review as individuals or a TC, will be posted here when ready: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>
This is referenced in Addendum N of Std 62.2.

ISO 22185-2 Standard- Part 3 of ISO document- no publishing updates, remains in development. Title: Diagnosing moisture damage in buildings and implementing countermeasures — Part 3: Addressing known moisture damage conditions.

Interested parties are encouraged to contact the Chair of U.S. TAG to ISO/TC 205 Steve Bushby (steven.bushby@nist.gov) along with Drake Erbe (drakeerbe@airxchange.com) who is involved in Technical Committees Interactions Subcommittee in GTIC.

GPC-46P Design and Construction Practices for Controlling Humidity in Residential Buildings needs a chair.

Discussion on Standard 160, including proposed updates to sections of that document such as the use of hygrothermal modeling and risk tolerances for corrosion/damage/etc

e. Programs

Dave Finley

Current programs of interest:

Forum 1: basics of air change rates

Forum 2: integrating thermal storage and 40% tax credits into ASHRAE Standard 90.1

Seminar 3: wildfires and their effect on building occupant health

Seminar 51: ongoing research into developing IEQ metrics

Tracks for the Orlando Winter meeting:

Fundamentals and Applications, HVAC/R Systems and Equipment, Registration and Refrigerants, Energy Storage and Grid Resiliency, Pathways to Decarbonization, AI, Industrialized Opportunities and Challenges, Ventilation and Environmental Quality, Improving the Built Environment. All encouraging cold climate-focused topics.

Proposed Seminars, Deadline August 2, 2024:

Forum: Building retrofit electrification and its effects on moisture management: Dave Finley motions, Mika Salonvaara seconds. Unanimously approved.

Seminar: occupant comfort and moisture control relevant to health and wellbeing, following Track 8. Dave Finley motions, Wahid Maref seconds. Unanimously approved.

Abstract for forum: future-proofing the built environment: key insights on resiliency, fault detection, and moisture management for designers and practitioners following Track 9. Don Snell will lead and find two others. Dave Finley motions, Wahid Maref seconds. Unanimously approved.

Forum: field experiment that monitors moisture performance in attics and hot and humid climates is on the ORL agenda with TC4.4, with Wahid as a presenter. Dave Finley motions, Wahid Maref seconds. Unanimously approved.

SGCP 10 topics- TC1.12 can sponsor as needed after their meeting. Carl Grimes will present a co-sponsorship for occupant comfort at the future meeting.

e. Website

N/A

Need a volunteer as webmaster. Interested parties encouraged to reach out to Carl Grimes.

10. Old Business

Handbook Chapter 64 was revised and published online, but Chapter 36 was not revised within the required timeline. Sam Taylor requests a group to form for revisions absent a Handbook chair. Emishaw Iffa volunteers as Chair with Danko Davidovic as co-chair of the subcommittee.

11. New Business

Andre Desjarlais and Erika Bonfanti to review (for eventual vote) an RTAR on construction moisture.

As noted previously, the MTG publication on Damp Buildings, Human Health, and HVAC design has been renewed for another four years. They are seeking a work group to update the document according to the definitions and descriptions of moisture as approved by Guideline 10-2023 Addendum A.

Position Document Managing Moisture and Mold has been renewed for another four years. Lew Harriman reviewed and suggests the Committee update the 62.1 reference to Standard 62.1-2022. They are seeking a work group to update the document according to the definitions and descriptions of moisture as approved by Guideline 10-2023 Addendum I.

Cameron Labunski (or his representative) from the Publications committee updates TC 1.12 on plans on funding sources and work schedule to revise the humidity control design guide and ask for participation from our TC. The project was tabled in Chicago by the TC 1.12 Chair, pending further information. They are in the very early stages of forming a group. Sam Taylor suggests bringing it up in other relevant TC meetings, 62.1, 62.2, Chapter 25, Standards. Reach out to Cameron or Carl with your contact information if interested in participating.

12. Adjourn

Carl Grimes motions to adjourn, Wahid Maref seconds.

These minutes were approved on February 8, 2025 in the ASHRAE Winter meeting. Prepared by E. Bonfanti.