

**ASHRAE, INC.**  
**1791 Tullie Circle, NE / Atlanta, GA 30329**  
**404-636-8400**  
**TC/TG/TRG MINUTES COVER SHEET - DRAFT**

TC/TG/TRG NO.: **TC 1.12**TC/TG/TRG TITLE: **Moisture Management in Buildings**

DATE OF MEETING: **January 29, 2022, 1pm to 3pm**

LOCATION: **Hybrid Meeting- Zoom and Caesars Palace Las Vegas, Octavius 1-2**

[illegible]

**TC 1.12 Moisture Management in Buildings**  
**January 29, 2022, 1pm to 3pm**  
**Las Vegas Winter Meeting – DRAFT Minutes**

**1. Call to order – Florian Antretter**

The Chair called the meeting to order and read the TC 1.12 title and scope statement.

**2. Self-introduction of members and guests**

Those present in person and virtually introduced themselves.

**3. Roll call – Diana Fisler**

Eleven of eleven voting members in attendance. Quorum was established. Prospective members to contact Diana Fisler, Membership Chair. Andre Desjarlais added as a voting member for future meetings.

**4. Review Agenda**

Agenda was reviewed. No additions were made, but changes in schedule may be necessary due to technical connectivity issues.

**5. Approval of minutes from Virtual Summer 2021 meeting**

Dave Finley motions to approve, Erika Bonfanti seconds. Eleven votes, zero abstentions. Draft minutes will be posted to Basecamp and approved minutes will be posted to the ASHRAE website.

**6. Chairman's report – Florian Antretter**

- a. Corey Metzger, Section Head, was in attendance and shared information on TC updates. Corey will serve as a resource for TC 1.12, providing answers and information as needed.
- b. New online process to update roster has been implemented. Form to be filled out on or before 2/15/2022; Corey will review after revisions are submitted.
- c. Minutes serve as official record and supersede mistakes on the roster.
- d. Strong recommendation to maintain a balanced roster of representation from all sectors- manufacturers, industry professionals, engineers, researchers, etc.
- e. Strategic plan will be discussed in a future meeting, including planning for succession of roles in each TC.
- f. Need for an official liaison for the Residential Buildings Committee and/or Decarbonization group. Florian motions to establish Theresa Weston as official liaison, Diana Fisler seconds. Eleven votes, zero abstentions.
- g. Question to Corey Metzger regarding official procedure for RTAR extension requests- must these be approved by the sponsoring TC?

**7. Research – Wahid Maref**

- a. Update on PMS 1844: Extension at no cost granted until 2/28/2023. Report is being finalized prior to publishing data. Information will be added to Research folder on Basecamp.
- b. Update on brainstorming sessions for future of TC 1.12 research- a list of research topics and individuals were identified for further input; some could team with TC 4.4.
- c. Discussed information targeted for research or a special publication, including collaboration with other sources of funding such as DOE.
- d. Sam Taylor volunteered to help with Construction Moisture topic.

**8. Handbook – Simon Pallin**

- a. Update on Handbook revisions work group – Fundamentals (Chapter 36) and HVAC Applications (Chapter 64). A team was assembled that is working on mapping and revising Chapter 64; revisions are due by July 2022 for a vote at the Summer Meeting. Simon to distribute future information through Basecamp.

**9. Program – David Finley**

- a. TC 1.12 does not have any approved sponsored programs.

- b. Discussed proposed presentations and deadlines for Summer 2022 and in the future based on identified research topics.
- c. Theresa Weston requests that TC 1.12 co-sponsor a program with TC 4.4; Wahid Maref is seminar chair: *IEQ and the Building Envelope: When Walls Talk*. Dave Finley motions to approve, Diana Fisler seconds. Eleven votes, zero abstentions. TC 4.4 to officially approve at their meeting on Monday.
- d. Proposal for TC 1.12 to sponsor a seminar for Toronto: *Covid 19 IAQ: Building Readiness and Resiliency in the New Age*. Don Snell to be seminar chair. Dave Finley motions to approve, Diana Fisler seconds. Eleven votes, zero abstentions.

**10. Standards and Guidelines – Don Snell**

- a. Update on review of ISO 22185-1 "Diagnosing moisture damage in buildings and implementing countermeasures": No current updates on Part 2 and 3 of the standard.
- b. Discussed impact of increasing space relative humidity to reduce Covid-19 transmission.
- c. As part of the presentation this afternoon, introducing *Guide for Resilient Energy Systems Design in Hot and Humid Climate - Draft*. Alexander Zhivov is seeking comments from our TC on this guide.

**11. Special Publications/Additional Updates – Lew Harriman**

- a. Summary of changes- 2021 revision of the ASHRAE *Position Document on Limiting Indoor Mold and Dampness in Buildings*. Abbreviated position document was created, with added pictures and updated references. Link to document to be posted on Basecamp.

**12. Old Business**

- a. Ed Light would like members to review a draft document on defining and assessing damp buildings and evaluate for potential as a Special Publication.
- b. Sam Taylor notes Energy Design Guides as an example of a joint ASHRAE/DOE product. DOE is funding workforce development and education and the IRC and National Science Foundation also have funds. Teaming with these organizations on future research would be beneficial.
- c. Andre Desjarlais notes that the ASHRAE Buildings 15 Conference in Clearwater, Florida on December 5-9 is looking for session chairs and reviewers for papers that are due April 1, 2022. Volunteers can contact Diana Fisler, Simon Pallin, Fitsum Tariku, or Stan Gatland.

**13. New Business – none**

**14. Presentation – Alexander Zhivov** from USACE on in-progress *Guide for Resilient Energy Systems Design in Hot and Humid Climate - Draft*

**15. Adjourn**

- a. Diana Fisler moves to adjourn, Dave Finley seconds.

Next planned meeting: 2022 ASHRAE Summer Conference – Toronto, ON, June 25-29, 2022

*Minutes approved in ASHRAE 2022 Summer Conference meeting on June 25, 2022; prepared by E. Bonfanti.*

From: phaas@building-dynamics.com  
To: Paul Haas  
Date: February 6, 2020 at 2:38pm  
FW: Ed Light's Additions to TC 1.12 Minutes

\*From:\* elight building-dynamics.com <elight@building-dynamics.com>  
\*Sent:\* Thursday, February 6, 2020 12:25 PM  
\*To:\* Basecamp (ASHRAE) <notifications@3.basecamp.com>; Christine Williamson <christycronin@gmail.com>; Lew Harriman <lewharriman@masongrant.com>  
\*Cc:\* James Bailey <jbailey@building-dynamics.com>; Paul Haas <phaas@building-dynamics.com>  
\*Subject:\* Ed Light's Additions to TC 1.12 Minutes

I was unable to get hooked up for Saturday's meeting, but understand I can add my discussion points for the minutes:

1. \*62.1 Dew Point requirement.\*

Now that this has been added, updated guidance for implementation is critical. For example, engineers must consider how to proceed in different climate zones and variety of options are available for scheduling HVAC in occupied areas to prevent mold growth while conserving energy. TC 1.12 should work closely with SSPC 62.1 on this. I have suggestions, but would need someone else to take the lead.

2. \*Construction Moisture Guidelines.\*

While Lew was actually able to change an ASHRAE Standard, the administrative process has defeated us on this one! Although we developed at ~75% draft, the Standards Committee requests became too onerous. The industry increasingly needs help with this and it will hopefully be picked up by someone outside ASHRAE...

3. \*Applications Chapter.\*

This would be an appropriate place to summarize some of our information on managing moisture during construction. I also have several ideas for new points to add and will help out with this.

4. \*ISO Review.\*

I will get comments in by January 25. Although provides broad discussion points related to assessing and classifying dampness, it is of little value to engineers addressing real-life problems in buildings.

5. \*ASHRAE Guidance/Guideline on assessing and classifying dampness.\*

There are currently no practical procedures or criteria to prioritize building problems and address exposure concerns. This is an obvious followup to the limited guidance initiated by the Dampness Task Force and should be taken up by TC 1.12 as an ongoing project. I could take the lead, but am not be available to do anything substantial for a while.

Attached is my presentation to the Committee a few years ago outlining an approach to this.

- Ed Light, CIH

\*President, Building Dynamics, LLC\*  
\*1216 Ashton Road\*  
\*Ashton MD 20861\*  
\*(240) 899-6926\*  
\*www.Building-Dynamics.com\* <<http://www.building-dynamics.com/>>  
\*Building Dynamics is an industrial hygiene \*  
\*and engineering firm specializing in HVAC \*  
\*design and the resolution of indoor environ-\*  
\*mental concerns throughout the U.S.\*

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Paul E. Haas CSP, CIH  
(561) 906-2428