

**ASHRAE TC 5.11 Humidifying Equipment
Handbook, Research, programs Sub-Committee Agenda
2025 ASHRAE Annual Conference Hybrid Meeting
Tuesday 1/28/2025, 9:30 AM – 11:00 AM EST**

[Webex Meeting](#)

Meeting ID: 2490 421 3019

Passcode: ZzRQdnsp732

- 1. Call to order** **David Baird**
- 2. ASHRAE Value Statement** **David Baird**

“In ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.”
- 3. ASHRAE Code of Ethics Commitment** **David Baird**

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/aboutashrae/ashrae-code-of-ethics>
- 4. Introductions All**
 - a.
- 5. Agenda Modifications**
 - a.
- 6. Approval of minutes from 2024 Summer Virtual Meeting** **David Baird**
 - a. Not required
- 7. Handbook Topics** **Mitchell Geiss**
 - a. Next revision is 4 years out
- 8. Programs Topics** **Nicholas Lea**
 - a. Program for Orlando
 - i. Seminar 55: Getting the Most Out of Humidification and Evaporative Cooling Systems – **February 12, 9:45 – 10:45 am Hilton Orlando, LL, Orange C**
 1. A Good Compromise for IAQ, Energy Saving, and Maintenance (with Focus on Humidifiers) – Raul Simonetti

2. Leveraging Adiabatic Technologies for Decarbonization and Humidity Control – Nick Lea
 3. Optimizing Isothermal (Steam) Humidifier Performance to reduce Maintenance and Energy Usage – Duncan Curd
- b. Next conference is Phoenix – June 21-25, 2025
 - i.

9. Discuss Membership Roles All

Name	Role	Voting
David Baird	Chair Standards Chair	Yes
Mitchell Geis	Vice Chair Handbook Chair	Yes
Duncan Curd	Secretary	No
Harold Dubensky	Research Chair	No
Nicholas Lea	Program Chair	No
Matthew Nowak	Webmaster	No
Raul Simonetti	-	Yes
Annette Dwyer	-	Yes
Michael Dovich	-	Yes
Cheng-Min Yang	-	Yes

10. Discussion on Current RTAR status

Harold Dubensky

- a. Establishing Minimum Relative Humidity to Achieve Occupant Health and Productivity Benefits
 - i. Still in process
 - ii. Working group met 7/18 & 7/31 to refine
 - iii. Waiting on TC 4.3 co-sponsorship reply

11. Discuss of New RTAR(s)

Harold Dubensky

- a. Understanding the Appropriate Application of Humidity and Air temperature Control Strategies Across Climate Zones
 - i. TC 9.6 has lead and no update
- b. Maximum Humidity Levels in Buildings – TC 8.10
 - i. Defining upper limits focus currently
 - ii. Had previously discussed and commented
- c. Building Humidity Limits for Liquid Desiccant Heat Pumps – TC 1.12

- i. Occupant health factors
 - ii. Some humidification benefit in heating based on liquid desiccants
- d. Energy Savings of DOAS systems with full dehumidification and demand control – TC 8.10
 - i. Not as much interest but posted in BaseCamp

12. Next Steps for RTAR(s)

- a. Review all of the RTARs for support in main TC 5.11 meeting

13. Publications

- a. Standard 212
 - i. Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-on Evaporative Precoolers for Unitary Air-Conditioning Equipment
 - 1. Could be point of interest for SPC 164 because of potential overlap

14. Time and Place of Next Meeting: 2025 Winter Conference

- a. Hilton Orlando, Spring Lake (Lobby Level) & Virtual – Tuesday 2/11/25 @ 3:30 – 5:30 PM EST

15. Adjournment:

- a.