

**ASHRAE TC 5.7**  
**Evaporative Cooling**  
**Main Meeting Agenda**  
**2024 ASHRAE Winter Meeting**

**Sunday January 21,**  
**3:30-5:30 PM CST**  
Marriott Marquis Chicago, Architecture (2)

SIGN IN SHEET  
QR CODE



Meeting Link:

<https://ashrae.webex.com/ashrae/j.php?MTID=m23ef51c87bfe31d408dddb55e2dbc441>

Sign In Sheet Link:

<https://docs.google.com/spreadsheets/d/13LXO3Aviyc2oyG4VahAKQp6cy76-rnlcZtrlYcXbYPY/edit#gid=0>

**1. Call to order**

**William Truong**

**2. Review Scope**

TC 5.7 is concerned with contact type heat transfer surfaces and equipment for evaporative air-cooling. It includes application to residential, commercial, and industrial cooling requirements.

**3. ASHRAE Code of Ethics Commitment**

**William Truong**

"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**

a. Determination of a quorum

**All**  
**Dr. Long Tran Bao Phan**

**VOTING MEMBERS FOR THIS MEETING (Need (4) or ½+1 for a Quorum)**

William Truong	6/30/2024
Mark Miller	6/30/2026
Richie Mittal	6/30/2026
Patricia Graef	6/30/2026
Annette Dwyer	6/30/2026
Steven Slayzak	6/30/2027

Dr. Long Tran Bao Phan	6/30/2027
Dr. Gurshan D Mathur	6/30/2027
Galen Gerig	6/30/2027
Alkis Triantafyllopoulos	6/30/2027

3.1.1 A FG shall consist of approximately 12 Voting Members, with a minimum of six (6) and a maximum of eighteen (18). If the FG would have only 5 Voting Members (VM), one Voting Member – Non-Quorum (VMNQ) may be counted as a Voting Member in establishing the minimum number of voting members.

**5. Agenda additions**

**All**

**6. Chair's Report**

**William Truong**

a. Chair's Goals

b. Announcements and Highlights from TC Chairs Breakfast Meeting

**7. Liaison reports (as they arrive)**

**Liaisons**

a. RAC

**Jin Wen**

b. TAC Section 5 Head

**Kevin Marple**

## 8. Approval of minutes from Summer Meeting

William Truong

## 9. Membership/Roster

William Truong

Name	Role	Voting
William Truong	Chair	Yes
Mark Miller	Vice Chair	Yes
Dr. Long Tran Bao Phan	Secretary	Yes
Richie Mittal	Research Chair	Yes
Patricia Graef	Standards Chair	Yes
Gursaran D Mathur	Handbook Chair	Yes
Steven J Slayzak	Program Chair	Yes
Mark Miller	Webmaster	Yes

Name	Role	Voting

## 10. Subcommittee reports

- a. Programs
- b. Research
- c. Handbook
- d. Standards

Steven J Slayzak

Richie Mittal

Gursaran D Mathur

Patricia Graef

1. Standard 212: Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-On Evaporative Precoolers for Unitary Air-Conditioning Equipment

- e. Web site

Mark Miller

## 11. Old Business

- a. Standard 212: Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-On Evaporative Precoolers for Unitary Air-Conditioning Equipment
- b. Pat has asked ASHRAE the following questions:
  - i. Would any of you be able to comment on necessary changes to the draft.
  - ii. Can you suggest possible members?
  - iii. Was the standard used?
  - iv. Is there another standard that can be referenced for the extensive calculations ?
  - v. TC 5.7 can work on the evaporative pre cooler part of the test procedure. Is there another TC that can take ownership for testing the condenser inlet air of air-cooled unitary direct-expansion cooling equipment?
  - vi. Should the references and mandatory language be updated and leave the test procedure status quo?

## 12. New Business

- a. ASHRAE Task Force for Building Decarbonization
  - i. TC 5.7 may be interested in participating
- b. How can TC5.7 help to address the growing concerns over water usage in evaporative cooling solutions?

## 13. Adjourn