



Atlanta, GA 30329
404-636-8400

TC/TG/MTG/TRG MINUTES COVER SHEET

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. TC 5.07 DATE 17 June 2022

TC/TG/MTG/TRG TITLE Evaporative Cooling

DATE OF MEETING 25 June 2022 LOCATION Toronto

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Steve Slayzak		William Truong		Dalip Sign
Gursaran Mathur				Oumou Siidible Johnson Controls
Sukru Erisgen				nollchasicidibe@icloud.com
Annette Dwyer				Mark Miller
Richie Mittal				

DISTRIBUTION: All Members of TC/TG/MTG/TRG plus the following:

TAC Section Head: Kevin Marple	SH5@ashrae.net
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.

MEETING AGENDA

ASHRAE TC-5.07 Evaporative Cooling
June 25, 2022, Thursday
10:30 – 12:00 PM, EST
Hybrid

I. CALL TO ORDER

Code of Ethics was read

II. APPROVAL OF PREVIOUS MINUTES

- i. Move to approve. Seconded. Unanimously approved.

III. Chair Report - TAC Section 5 chair Kevin Marple

- i. Membership update. Change of membership at the close of this meeting. Surku will submit an updated
- ii. Manuscript review request by Steve Slayzak. Read through the review and look for peer review. Valuable to see the presentation information which will be presented. Shared water use of evaporative relative to water use at power sources.

IV. Industrial Ventilation (Miller) Went over well with attendance of approximately 130 overall. About 75 total people, with 30 speakers and about 30 virtual.

V. Standards (Gerig)

- i. Standard 133 was submitted for public review.

VI. Handbook (Mathur)

- i. 2023 Updates.
 - i. Edits of the section were provided. Some of the images should be cleaned up. Some of the images are not publish ready.
 - ii. GD made edits as well as others, which will be shared in the future.
 - iii. The edits will be shared with new and corresponding members

VII. Section Head

- i. Membership update submitted in February. Did not seem to be updated?
- ii. TC MOP was submitted. Took MTG out of the MOP. Allowed to do the tasks assigned. Functional and MOP. MTG be flexible. TC is now FG (functional group) MOP. Approved this morning (6/25/22).
- iii. Chair breakfast tomorrow to know more about TAC

VIII. Membership (Erisgen)

- i. Several new members on the committee.
- ii. We have 19 members on our roster. About a dozen e-mails have bounced back. The list will be updated with help from Society.
- iii. Standard subcommittee chair is listed as Patricia Graef, Chris Habet was listed in the minutes.
 - i. Annette has contacted Patricia Graef regarding her willingness and availability, which she agreed to continue.

- iv. Basecamp will be updated with new members through Richie Mittel.

IX. Programs (Slayzak)

- i. No programs for this session.
- ii. Submitted a program, however it was not submitted.
- iii. Forum is planned on 9:45 am to discuss the Nevada water restrictions.

X. Research (Miller)

- i. No report

XI. Standard 133,134, and 212 (Habets)

- i. Standard 212 was just published so no updates
- ii. Pat's email is pat.graef@att.net to contact her regarding standards.
- iii. Standards 133: Wrapping up initial modifications.
 - i. Looking to go to public review later this year.
 - ii. Looking for help with a concern on tolerances being too tight. Asking for airflow rates and stability values.
 - iii. Is there test data available to share? Galen Gerig was commenting about the number of data points and asking for advice on the tolerances. Standard deviation of 30 test points is the Standard 164.4 on adiabatic cooling may be a reference.
- iv. Once 133 is completed, would like to look to see if 133 and 143 could be combined/harmonized.

XII. Website (Miller)

- i. The website is in need of updating, however access was not available. Mark to get it resolved and updated.

XIII. Liaison Reports

- i. None

XIV. Old Business/New Business

- i. None

XV. Officers

- i. Officers are ending at of this meeting. We don't have a quorum to vote.
 - i. William as Chair
 - ii. Mark Miller as Vice Chair

XVI. Closing Remarks (Erisgen)

- i. If need help with roster, Kevin will help. As of this morning, only three voting members.
- ii. Appreciate everyone's time.

XVII. Next Meeting

- i. The next meeting will be in Atlanta. In person and virtual. Date and time to be sent out at a later date.

XVIII. Adjournment

- i. Moved for adjournment. Seconded.
- ii. Adjourned at 11:38 am EST

Attendees:

Richie Mittal –

Annett Dwyer –

Dilip Singh AHRl

Mark Miller –

Steve Slayzak – Voting Program Chair

Tushar Khanna Enwave

Oumou Sidibe - Guest

Not in attendance:

William Truong - VC

G.D. Mathur – Voting Handbook Chair