



1791 Tullie Circle, N.E./Atlanta, GA 30329
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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 7.7 DATE June 24, 2019

TC/TG/MTG/TRG TITLE TESTING AND BALANCING

DATE OF MEETING June 24, 2019 LOCATION: Kansas City, KCCC , 2103C

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Tom Cappelin	2015	Mark Hegberg	2017	
Byron Hagan	2016	Richard Rose	2016	Frank Spevak
Robert Moss	2017	John Hamilton	2015	Gerald Kettler
Donald Prather	2015			Gus Faris
Tom Schlachter	2017			Jason Hauska
				Michael Langton
				Larry Felker
				Darryl DeAngelis
				Craig Wray
				Byron Blackham
				Dane Carey
				Moh'd-Estam Dahdolan
				Navga Madineedi
				Will Turnbough
				Larry Moore
				Matt Jessan
				Viral Dharaiya

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

TAC Section Head	Craig Messmer	craig@unicosystem.com
TAC Chair	Thomas Justice	justfilter@yahoo.com
ALI / PDC Liaison	James W Bochat	jim.bochat@exconcepts.com
Chapter Tech Transfer Chair	David Ballard	daballard21@gmail.com
2019 HVAC Applications	Bryan Becker	beckerb@umkc.edu
Research Liaison	Bill Murphy	
Standard Liaison	Rick Heiden	rheiden@trane.com
Manager of Standards	Stephanie Reiniche	sreinichie@ashrae.org
Staff Liaison	Mike Vaughn	MORTS@ashrae.net

MINUTES
TC 7.7 TESTING AND BALANCING
ANNUAL CONFERENCE
MONDAY – January 14, 2019 (2:15 – 4:15 pm)

1. CALL TO ORDER

Chairman Prather asked all guests to provide contact information on one of the sign-in sheet that was being passed around.

- Attendance: 5 of 8 voting members present – quorum is present
- Chairman reviewed the ASHRAE Code of Ethics

2. INTRODUCTIONS

Chairman Prather asked those attending to introduce themselves and identify the organization or company they represent

3. APPROVE MINUTES FROM LAST MEETING

Minutes from the meeting were passed out. After a brief discussion, a motion to accept the minutes from Atlanta as presented was made by Mr. Schlachter and seconded by Mr. Moss. The motion was passed by committee consensus.

4. RECOGNIZE LIAISONS

Research Liaison, Bill Murphy, Arrived at the end of the meeting and offered assistance on RACs and RTARs

5. DISCUSS ISSUES FROM TC BREAKFAST

Chairman Prather briefly covered the information provided at the TC Chairman's breakfast, (See attached handout). Several TC attendees complained it was too crowded and very difficult to hear the presentations. Highlights: New 5 year ASHRAE Strategic Plan is complete and, the consolidation of the TCs is on-hold for further review.

6. SUBCOMITTE REPORTS

A. Handbook - Mark Hegberg

- No update.

B. Program - Tom Schlachter

- See attached Program Sub-Committee Report Handout

C. Membership – Donald Prather

- Chairman Prather reported current voting members are: Thomas Cappelin, Byron Hagan, John Hamilton, Mark Hegberg, Donald Prather (chair), Robert Moss (secretary), Richard Rose, and Thomas Schlachter (vice-Chair).
- There are 4 voting members rolling off and there are 4 new voting members coming on at the next meeting.
- The Committee thanked Mr. Prather for his service as Chair for the last two years,
- Mr. Schlachter takes over as Chair, Mr. Moss as Vice Chair and Mr. DeAndelis as Secretary

D. Research - Frank Spevak

- TC 7.7 see Mr. Spevak's attached report
- Research Summary:
 - 7 RTARs presented
 - 1 accepted
 - 2 accepted with comment
 - 3 rejected
 - 13 Work Statements
 - 1 accepted
 - 5 conditionally accepted
 - 7 returned

Note that new 'Work Statement' is now live. Requires new 'Plain English' abstract for clear notification to public about research projects.

E. Journal – Viral Dharaiya or Moh'm Eslam Dahdolar both volunteered to cover Journal. Tom S. to decide?

F. Standards

STD 111 - Gaylon Richardson

STD 111-2008 (RA 2017) is published as of March 12, 2019

GPC 11 - Tom Schlachter

GPC 11 completed and published.

G. Education – Mark Hegberg

No update

H. Web Master – Jason Hauska

Mr. Hauska reported that the web is up to date.

7. LIASON REPORTS FROM OTHER TC'S OR ORGANIZATIONS

TC 1.2 Instruments & Measurements - Frank Spevak

- Mr. Spevak noted that the entire series of Standards 41.x series has been updated at this time.
- 41.3 Pressure Measurement is in process

TC 1.4 Control Theory & Application -Mark Hegberg

- No update

TC 5.2 Duct Design – Gus Faris

- Standard 215-2018 -- Method of Test to Determine Leakage of Operating HVAC Air Distribution Systems (ANSI Approved) is published. Lacks prescribed methods and uncertainty. Mr. Faris suggested a seminar or article on leakage.
- TC 5.2 Duct Design should be completed in the next month and ready for Orlando.

TC 5.3 Room Air Distribution - Byron Hagan & Gus Faris

- Standards 130; 70; 115 and 79 are under review

TC 5.6 Control of Fire & Smoke - Gerald Kettler

- Guideline 1.5 is going into revision.

TC 6.1 Hydronic & Steam Heating Equipment & Systems – Mark Hegberg

- Meeting is tomorrow.

TC 7.9 Building Commissioning- Justin Garner

- Gerry Kettler working on Standard for Data Centers
- IECC 2015 TAB no longer requires commissioning; members concerned about enforcement

TC 9.10 Laboratory Systems – Gaylon Richardson

- No Update

AABC – Gaylon Richardson

- Revising the commissioning standard based on 202

(LIAISON REPORTS FROM OTHER TC'S OR ORGANIZATIONS...continued)

NEBB – Steve Burns

- Don Hill updated procedural standards
- Developing an App for TAB

NBC- Jeff Schools

- No report

SMACNA – No liaison

ACCA – Don Prather

- Don Prather retiring on July 31
- For questions on ACCA, contact Wes Davis

TABB – John Hamilton

- Nothing to report

8. OLD BUISNESS

- No old Business was discussed.

9. NEW BUISNESS

- Thomas Cappelin suggested we use ASHRAE Basecamp. Tom Schlachter will review
- Mike Vonn will develop “Guide for Air Conditioning and Refrigeration Plants”. Looking for TC 7.7 member to join this committee.

10. ADJOURN

Motion to adjourn was made @ 4:15pm by Mr. Schlachter, second by Mr. Hagan and accepted by committee consensus.

NEXT MEETING:

Orlando, FL

Monday, Feb 3, 2020

2:15 – 4:15 pm