



**MINUTES**

**DRAFT**

**TECHNICAL COMMITTEE 7.2**

**HVAC&R Construction & Design Build Technologies**

2019 Winter Meeting

**January 13, 2019**

Note: These draft minutes have not been approved and are not the official, approved record until approved by the Technical Committee.



1791 Tullie Circle, N.E./Atlanta, GA 30329  
404-636-8400

**DRAFT**

**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. TC7.2 DATE 1/13/2019

TC/TG/MTG/TRG TITLE HVAC&R Construction & Design Build Technologies

DATE OF MEETING 1/13/2019 LOCATION Atlanta, GA

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Thursten Simonsen		Adrienne Thomle		Brandon Hall
Michael Conner		Jim Kendzel		Rob Porter
Joseph Chin		Matthew Dehghani		Bak Cvijetinovic
David Lewis		Heather		Shawn Ohara
Wes Davis		Elizabeth Goll		Gary Shamshoian
Matthew Mullen		Mitchell Swann		Craig Messimer
Jim Fields		Patrick Villaume		William Murphy
		Nicolas Aouad		
		Dan Pettway		

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

TAC Section Head:	SHx@ashrae.net Where x is the section number
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.
Mike Vaughn, Manager Of Research & Technical Services	MORTS@ashrae.net

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**AGENDA - ASHRAE Technical Committee 7.2  
HVAC&R Construction & Design Build Technologies**

**Sunday, January 13, 2019 | Atlanta, Georgia | 10:00 AM – 12:00 PM  
Omni, Cypress Room, Floor M2, North Tower**

Attendees:

Voting	Non-Voting	Guest
Thursten Simonsen	Adrienne Thomle	Brandon Hall
Michael Conner	Jim Kendzel	Rob Porter
Joseph Chin	Matthew Dehghani	Bak Cvijetinovic
David Lewis	Heather Schopplein	Shawn Ohara
Wes Davis	Elizabeth Goll	Gary Shamshoian
Matthew Mullen	Mitchell Swann	Craig Messimer
Jim Fields	Patrick Villaume	
	Nicolas Aouad	
	Dan Pettway	

1. Call to Order/Scope/Introductions
  - A. *Meeting was called to order at 10:03AM, self-introductions were done*
2. Voting Member Role Call
  - A. *7 of 9 voting members in attendance, quorum was met*
3. Review/Approve Agenda
  - A. *Wes moved to approve, Jim second*
  - B. *Motion passes, 7-0-0 CV*
4. Society Liaisons and Guest Presentations
  - A. *Items from the section breakfast was reviewed (see attached)*
  - B. Reviewed the letter issued for the reorganization of the Functional groups (see attached)
    - a. *Thursten read the highlights of issues that were stated in the letter and the current proposed solution*
    - b. *Questions and concerns to be provided on the feedback form, individually or as a TC within 60 days of January 13, 2019*

- c. *Concerns brought up in the meeting:*
  - 1. *Adrienne expressed concerns about the diversity of Section 7 and the inability to join the groups together.*
  - 2. *Michael Conner ask what other TCs we could join with. TC7.1?*
  - 3. *What are the 30 groupings that were considered?*
  - 4. *The larger meetings might limit the number of people attending*
  - 5. *Possible idea would be forming working groups with a designated task and end date, rather than a new TC*
  - 6. *Does the scope of TCs need to be discussed?*

5. Approval of Previous Meeting Minutes

A. Approval of Houston June 2018 Minutes

- a. Wes moved to approve; Jim second
- b. Motion passes, 7-0-0 CV

B. Missing Minutes of (send to chair if you have a record of them)

- a. June 28, 2014 Seattle
- b. January 24, 2015 Chicago
- c. January 28, 2017 Las Vegas
- d. June 24, 2017 Long Beach

6. ASHRAE Administrative/Correspondence/Announcements

A. *None*

7. Subcommittees

A. *Programs – Michael Connor*

- a. Atlanta
  - 1. IPD – Wednesday Session from 7.1
  - 2. College of Fellows – Debate, Should Owners have a standard of care?

- b. *Kansas City*
  - 1. *Submissions are Due Friday 2/8/19*
  - 2. *Contact Track Chair prior to submitting*
  - 3. *Potential programs*
    - a. *Case study on a school with misapplied equipment*
      - i. *“Just in case - What Oversizing equipment does to your Building?” Effect on operations, effect on maintenance, effect on comfort.*
      - ii. *Matt Mullen will work on the submittal*
  - 4. *Bonding & Professional Liability Insurance – Michael Conner is looking to submit a program.*
    - a. *Bonding Capacity, relationship with bonding agent. How to make your company more attractive*
    - b. *Professional Liability Insurance E&O, Workers Comp, Different insurances required by owners.*
    - c. *Mitchell?*
    - d. *Co-sponsored with TC1.7?*
  - 5. *Delegated Design*
    - a. *Seismic*
    - b. *Expansion*
    - c. *Temporary Plants*
    - d. *DX piping*
    - e. *Structural/Hangers*
- c. *Orlando/Future*
  - 1. *Track or Mini Track on Project Delivery Methods/Process*
    - a. *Co-sponsored Session with 7.1, 7.2, 1.7, 7.9*
    - b. *Need to reach out to CEC on how to establish*



D. Research –

- a. *No Current research projects proposed*
  - 1. *Research Ideas?*
- b. *Delivery Method vs Cost/Schedule/Satisfaction research concept*
  - 1. *Paper research papers can be difficult.*
- c. *More ideas to come in Kansas City*
- d. *Send ideas to Jim Fields*

8. Old Business

- A. *Basecamp for TC 7.2 - Thursten to set up Basecamp before next meeting*

9. New Business

- A. **TC Roster/Positions to be submitted for 2019-20** (**Bold are new**)

- a. ***Thursten, David, Matt rolling off in 2019***
- b. ***New Voting Members***
  - 1. ***Jim Kendzel***
  - 2. ***Adrienne Thomle***
  - 3. ***Nicolas A. Aouad***
- c. ***Chair – Michael Conner***
- d. ***Vice Chair – Joe Chin***
- e. ***Secretary – Betsy (Elizabeth) Goll***
- f. ***Program Chair – Heather Schopplein***
- g. *Research – Jim Fields*
- h. *Standards – Adriennne Thomle*
- i. ***Webmaster – Rob Potter***

10. Next meeting: June 23, 2019 – Kansas City, MO

11. Adjournment - Meeting was adjourned at 11:50AM

## ASHRAE Code of Ethics

(Approved by ASHRAE Board of Directors January 30, 2013)

1.140.001.1 As members of ASHRAE or participants in ASHRAE committees, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

- A. Efforts of the Society, its members, and its bodies shall be directed at all times to enhancing the public health, safety and welfare.
- B. Members and organized bodies of the Society shall be good stewards of the world's resources including energy, natural, human and financial resources.
- C. Our products and services shall be offered only in areas where our competence and expertise can satisfy the public need.
- D. We shall act with care and competence in all activities, using and developing up-to-date knowledge and skills.
- E. We shall avoid real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.
- F. The confidentiality of business affairs, proprietary information, intellectual property, procedures, and restricted Society discussions and materials shall be respected.
- G. Each member is expected and encouraged to be committed to the code of ethics of his or her own professional or trade association in their nation and area of work.
- H. Activities crossing national and cultural boundaries shall respect the ethical codes of the seat of the principal activity.