

MEETING MINUTES
ASHRAE Technical Committee 7.2
HVAC&R Construction & Design Build Technologies

Sunday, January 21, 2018 – Chicago, IL
10:00 AM – 12:00 PM Hilton Floor 7 – Room Sandburg 7

Attendees

Voting:

Jim Fields
Eli Howard
Matt Mullen
Wes Davis
David Lewis
Thursten Simonsen
Joseph Chin
Mike Conner
Michael Cooper

Non-Voting:

Mark Terzigni
Adrienne Thomle
Tyler Glesne
Dan Pettway
Karion Elkoneig
Elise Kiland
Chad Powell
Mitchell Swann

Guest:

Tyler Lewis
Randy Young
Glenda Williams
Karin Spalink
Nick Smith
Patrick Marlorme
Scott Parris
Shawn Ohara
David Ballard
Austin Aochstetler
Richard Lam
Rob Potter
Elizabeth Goll

Committee Scope: TC 7.2 is concerned with enhancing the collaboration of Contractors and Design Build Firms with the entire ASHRAE membership to ensure that the relevant research, publications, and educational materials promote the design, construction, and operation of resource efficient buildings.

1. Call to Order/Scope/Introductions
 - A. Call to order at 10AM
 - B. We need to request a larger room for the next meeting.
2. Voting Member Role Call
 - A. 9 of 10 voting members in attendance, quorum is met
3. Agenda was reviewed
4. No Society Liaisons or Guest Presentations
5. Approval of Previous Meeting Minutes was discussed the following is the current status of minutes from last meeting
 - A. Discussion on what meeting minutes have been approved

- a. Long Beach – Need to request from Jen Leach.
 - b. Las Vegas – not approved, request from Monte & Andy
 - c. St. Louis - unknown, request from Monte & Andy
 - d. Orlando – Still listed as draft on website.
6. New MTG created for existing building operations. The questions was asked if 7.2 should provide a representative to the MTG. No decision was made, discuss in Houston
7. Subcommittees
- A. Discussion was had on potential future tasks for the committee. The following were ideas brought to the committee. Further discussion on these ideas to take place in Houston.
 - a. Guidelines
 - 1. Design Build Survival Guide that came from 1.7 – Does is need review from this TC.
 - 2. Focus on HVAC design build guidelines
 - b. Handbook chapter – Is there a chapter that we could add to / assist with?
 - c. Other design build groups to collaborate with
 - 1. DBIA
 - 2. AIA
 - B. Programs – Michael Conner
 - a. Design Build Case Studies – Hold for Kansas City
 - b. Ideas for Houston
 - 1. How to deal with substitutions
 - 2. Insurance, Bonding, Professional Liability, w/ TC1.7 – Professional skills track
 - a. One speaker for professional liability
 - b. Bonding Company – Discussion focused on subcontractor bonding.

- i. How to increase your bonding capacity.
 - c. Coverages needed for Design Build
 - i. Contactors
 - ii. Design firms
 - d. OCIP/CCIP
- c. TC1.7 is working on a track for Kansas City on General Business Management
- d. Project delivery methods/Process
 - 1. Talk with 7.1
- e. National BIM Standard – ASHRAE is working with ANSI – TC 7.1 is involved
- f. Maintenance responsibilities during warranty -
 - 1. When does it start
 - 2. What is substantial completion

C. Standards - Adrienne

- a. No standards sponsored by the TC.
- b. ASHRAE Members Design Build Survival Guide
 - 1. From TC1.7
 - 2. Needs review for an update
 - 3. Collaboration with other players in the HVAC Design-Build process?
 - a. DBIA?
 - b. SMACNA
 - c. AIA
 - 4. Is a broader guide needed for this?
 - 5. Current guide doesn't include process

6. Jim Fields will discuss the idea with Thursten
- c. Design Build Cx collaboration on a Guideline with TC7.9
 1. Joe Chin to discuss with Will Mak from TC7.9

D. Handbook

- a. None

E. Research

- a. No current chair
- b. Board request Review potential options of ASHRAE to support technician training and related curriculum development
 1. Need to support skilled trades in our industry as well.
 2. 7.3 is developing a training program for building operation
 3. SMACNA Student Chapters to collaborate with ASHRAE Branches
 4. How do we collaborate with technicians and installers?
 5. Discussions with ABET for technical schools?
 6. Student activities
 - a. Current Members Council motion on apprentices to be Student Members
 7. Michael Cooper & Billy Austin to send Board request to Thursten. Joe Chin to assist with input from Student Activities.
 8. Board would like a response by Houston
 9. Survey of engineers & contractor members?

8. Old Business

- A. Discussion on forum from Long Beach on Design Build Commissioning.
 - a. TC7.2 wants to be a co-sponsor of a Guideline.
 - b. Post meeting discussion with 7.9. It was discussed that this should be an addendum or appendix to the existing guidelines.

9. New Business

A. Roster Review (voting members, subcommittee assignments)

- a. Corresponding members, PCM to email Thursten if they are interested in becoming a member
- b. Need a new programs chair, research chair & webmaster
- c. One member rolling off & need an additional voting member
 1. Mitchel Swann
 2. Dan Pettway? Jim Fields to ask
- d. Review electronic meetings to help with quorum – Thursten

B. Panel discussion on Wednesday at 11AM on IPD & IDP

C. Issue to review/Research project Design build cost/schedule/owner satisfaction

- a. CURT?
- b. CIAA?
- c. How do we get data?
- d. For Houston – develop a description of what we're looking for, what it will take to get it, and potential cost. Jim Fields & Mitchell Swann

10. Next meeting: June 24, 2018 – Houston, Texas

11. Adjournment

- A. Meeting adjourned 11:39AM

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.