



ASHRAE Technical Committee 5.6

MINUTES

TC 5.6 Control of Fire and Smoke
Monday, June 24, 2019

Marriott Kansas City Downtown
Kansas City, MO

1. Introductions

Voting Members Present	Voting Members Absent	Additional Attendance
Josiah Wiley	Alfred Webb	Igor Maevski
John Klote	Bill Webb	Andre Calado
Yuan Li	George Hadjisophocleous	Dimitry Kogan
Matthew Davy		Tom O'Dwyer
Stephen Carey		Julian Rochester
Yoon Ko		Tim Orris
		Matthew Schumann
		Paul Turnbull
		David Hahm
		Jeff Beneke
		Brian Poe
		Larry Felker
		Larry Smith
		Michael Ivanovich
		Steven Rogers
		Gary Nelson
		Leon Wang
		James Buckley
		Jerry Kettler
		Gus Faris
		Valentina Nedelcu
		Peter McDonnell

2. Identification of Voting Members

Voting members are as follows: Josiah Wiley, Bill Webb, George Hadjisophocleous, Stephen Carey, Matthew Davy, Yuan Li, Yoon Ko, Alfred Webb & John Klote. A quorum was present, 6 of 8 voting members were in attendance.

3. Chairman’s remarks

A vote will be taken at the end of the meeting, so the voting members were asked to stay until the meeting is adjourned.

4. Approval of Minutes from January 2019 (Atlanta)

MOTION TC 5.6-2019

Moved by: John Klote

Seconded: Dane Carey

Move that the minutes from the previous meeting held on January 14, 2019 be approved.

Motion Carried

5. Subcommittee Reports:

- Research – Paul Turnbull

It was reported that six bids for TRP 1644 titled smoke control in a long atria (heat transfer analysis) research were received and the committee will vote on the proposal at the end of this meeting. The voting members met in executive session to discuss the PES recommendation for a contractor. A vote was taken and a contractor was selected. Per ASHRAE rules, this cannot be discussed until the contract is awarded.

- Program – Valentia Nedelcu

Kansas City Annual Conference, June 2019:

Conference Papers and Extended Abstracts

- 96 conference paper abstracts submitted, 83 approved
- 22 Conference Paper Sessions

Technical Papers

- 20 Technical papers received
- 4 Technical Paper Sessions

Seminars

- 110 submitted
- 73 presented

Future Conferences Timelines

Orlando Winter Conference, Feb 2020

Deadlines:

June 7, 2019: Website Opens for Seminar, Workshop, Forum, Debate, and Panel Proposals

July 8, 2019: Final Conference Papers Due - Submitted for Review (Includes Bio, Learning Objectives and Methods of Assessment); Request for Conference Paper Sessions Due
July 26, 2019: Conference Paper Accept/Revise/Reject Notifications
August 2, 2019: Seminar, Workshop, Forum, Debate, and Panel Proposals Due
August 9, 2019: Revised Conference Papers/Final Technical Papers Due
August 26, 2019: Conference and Technical Paper Final Accept/Reject Notifications
October 4, 2019: Seminar, Workshop, Forum, Debate, and Panel Accept/Reject Notifications

Austin Annual Conference, June 2020

Deadlines:

August 12, 2019: Conference Paper Abstracts, Technical Papers and Paper Session Requests Due

August 30, 2019: Conference Paper Abstract Accept/Reject Notifications

December 2, 2019: Conference Papers Due - Submitted for Review (Includes Bio, Learning Objectives and Methods of Assessment)

December 20, 2019: Conference Paper Accept/Revise/Reject Notifications

January 8, 2020: Website Opens for Seminar, Workshop, Panel, Debate, Forum and Extended Abstract Proposals

January 13, 2020: Revised Conference Papers/Final Technical Papers Due

February 10, 2020: Program (Seminar, Forum, Workshop, Debate and Panel) and Extended Abstract Paper Due

February 18, 2020: Conference and Technical Paper Final Accept/Reject Notifications

March 2, 2020: Extended Abstracts Accept/Reject Notifications

March 16, 2020: Debate, Panel, Seminar, Forum, Workshop Accept/Reject Notifications

May 1, 2020: Upload of presentation open for review

June 1, 2020: Presentation submissions due

Review and update proposed programs for future conferences.

During the Meeting each of the proposed programs and topics was reviewed.

On our list of future proposed programs, we have:

Orlando

We are projecting:

Conference Session. New Smoke Control Topics.

Track #7. Ventilation, IAQ, Air Distribution Systems

Peter McDonnell will Chair the session.

We have 2 accepted abstracts:

New look at Elevator Pressurization. How to approach the problem. John Klote.

Smoke Control in buildings using Occupant Evacuation Elevator- Matt Davy

Seminar Session. Fire safety challenges for Green building features

Speakers: Leon Wang, Yoon Ko, Dahai

Dahai Presentation 1. Title: Smoke control for sustainable buildings

Yoon Presentation 2. Title: Fire safety challenges for Green building features

Leon Presentation 3. Title: The study of future climate change impacts and smart city design.

The abstracts will also be submitted for Conference papers. Depending on authors availability will be decided the Meeting.

Austin**Seminar Session.**

Elevator shafts, methods of testing for leakage. Proposed by Gary Nelson, Energy Conservatory

Remote damper testing. Code changes related to dampers. Proposed by Larry Felker

Future Conferences

Back to Basics Seminar Program.

“Getting started at Atrium Smoke Control Design”.

Chair: Paul Turnbull

John Klote and Larry Felker possible presenters

- Handbook – John Klote

The handbook was completed last year and has now been published. We do not have any work to do for another year.

- Standards – Liaison needed

Larry Felker volunteered to attend the standards meeting (held on Wednesdays) and report back to the TC 5.6 Committee.

- TC 5.6 Web Site – Tim Orris

The website has been updated with this meeting agenda and the minutes from the last meeting which was held in Atlanta. It was suggested that the smoke control damper display developed by Ruskin could be added to the website in place of the existing video.

- Smoke Management Software – Bill Webb / John Klote

There have been no reported problems with the software.

- Handbook of Smoke Control Engineering – John Klote

The handbook will be in color at the next revision. The Guideline 1.5 commissioning standard will need to be reviewed. Jerry Kettler was looking for volunteers.

Action: Jeff Beneke, Peter McDonnell and Scott Arnold volunteered.

6. Inter-Society Liaison Reports:

- CIBSE (Chartered Institute of Building Services Engineers) – Liaison needed

There was no report.

- NFPA 80 & 105 (Standard for Fire Doors and Fire Windows) – Duane Smith

These standards were published in 2018. The next meeting will be held in November, 2019.

- NFPA 90A (Air Conditioning and Ventilating Systems) – Jim Buckley

There have not been any recent meetings.

- NFPA 92 (Smoke Management) – Paul Turnbull

The committee met May 1-2 to address public comments on NFPA 204 and 92. Most of the comments were about updating the dates of documents referenced within the standards. Five task groups were formed to investigate whether to generate new material to “fill in the perceived holes” within the document.

- AMCA Report – Stephen Carey

The following articles have been developed/published by AMCA since the last TC 5.6 Meeting:

- Publication of the article “Basic Life-Safety Damper Types: Knowing the Differences Makes All the Difference in Application” (<https://www.sfpe.org/page/FPEeXTRAIssue40>) by AMCA’s Fire and Smoke Damper Subcommittee in the April 2019 issue of *FPE eXTRA*, the monthly electronic newsletter of the Society of Fire Protection Engineers, publisher of *Fire Protection Engineering* magazine.
 - Development of the article “Remote Periodic Testing of Life-Safety Dampers” by AMCA’s Fire and Smoke Damper Subcommittee for publication in the 2019 edition of *AMCA inmotion* magazine in September.
 - Development of a 90-second animated video on the risks of fire-sprinkler trade-offs, currently in the revision stage.
 - Partnering with ASHRAE on the webinar “Update on Codes, Standards, and Certifications for Louvers and Fire/Smoke Dampers,” set for Oct. 23. The portion on fire/smoke dampers will focus on remote periodic testing. The webinar will be free to attend and worth 1 professional-development hour.
 - *SNIPS* magazine accepted the article “Code Changes Allowing Remote Periodic Testing of Life-Safety Dampers” by AMCA’s Fire and Smoke Damper Subcommittee for its June issue.
- UL Report

Matthew Schumann gave a brief overview of his background with UL (19 years) and informed the group of recent activities. UL recently celebrated their 125-year anniversary, various staff contacts and test capabilities were reviewed and the features of the new UL Product IQ and Product Spec tools were discussed.

- SFPE – Matt Davy

The next conference will be held in October, 2019 in Phoenix, Arizona. They are looking for peer reviewers, contact Matt Davy if interested.

- SMACNA – Delaine Deer

There was no report.

7. Old Business

Gus Faris led the discussion about writing a paper or article on duct leakage which discussed the differences in the system that creates leakage and requested information from the committee.

8. New Business

- Election of officers

At the conclusion of this meeting, Josiah Wiley will have completed his term as TC 5.6 Committee Chair, John Klote as Vice Chair and Tim Orris as Secretary.

MOTION TC 5.6-2019

Moved by: Dane Carey

Seconded: Yuan Li

Move that John Klote be elected as Chair, Paul Turnbull as Vice Chair, Yoon Ko as Secretary and Matt Davy as Research Subcommittee Chair of the TC 5.6 Committee.

Motion Carried

- Voting members rolling off – Wiley, Klote, Carey, Hadjisophocleous, Ko

There was no further report.

- New voting members

The new roster was submitted at the last meeting.

9. Adjournment

The meeting was adjourned at 5:34 p.m.

Minutes recorded by,



Timothy J. Orris
TC 5.6 Secretary