



**TECHNOLOGY COUNCIL MEETING**  
St Louis Conference  
Wednesday, June 29, 2016

**NOTE: These are not the official minutes until approved by Technology Council**

## Table of Contents

PRINCIPAL MOTIONS	<i>i</i>
APPROVAL OF PRE-ST LOUIS MINUTES	1
STANDING COMMITTEES	
A. Standards (StdC)	2
B. Technical Activities (TAC)	2
C. Environmental Health (EHC)	2
D. Refrigeration (REF)	2
E. Residential Building (RBC)	2
F. Research Activities (RAC)	2
SUBCOMMITTEES	
A. Operations (OPS)	2
B. Special Projects (SP)	2
C. Document Review (DRSC)	3
EXECUTIVE SESSION	3
CHAIR'S REPORT	4

**PRINCIPAL MOTIONS**  
**TECHNOLOGY COUNCIL MEETING**  
 St Louis Conference  
 Wednesday, June 29, 2016

Motion #	Description
1	Minutes of the June 13, 2016 Pre-St Louis Webinar were approved as distributed.
2	Standard's consent motions 1 – 41 which have no unresolved commenters and no negative votes from the project committee or Standards Committee for publication approval were approved as distributed.
3	Technology Council recommends that the BOD approve the Combustion of Solid Fuels and Indoor Air Quality in Primarily Developing Countries Position Document (PD).
4	Technology Council reaffirmed the Environmental Tobacco Smoke (ETS) PD.
5	Technology Council approved the appointment of Don Brundage as chair of the Climate Change PD Committee.
6	Technology Council approved tentative research project 1729-TRP, <i>Experimental Verification of Cooling Load Calculations for Spaces with Non-Uniform Temperature Radiant Surfaces</i> , be awarded to University of Texas - Austin for a period of 24 months at a total cost to ASHRAE of \$182,841.

**MINUTES**  
**TECHNOLOGY COUNCIL MEETING**  
St Louis Conference  
Wednesday, June 29, 2016

**Voting Members Present**

Jim Vallort, Chair  
Pat Graef, Vice Chair  
Charlie Culp  
Eckhard Groll  
John Harrod  
Jaap Hogeling  
Dan Int-Hout  
Julia Keen  
Ben Leppard  
Charles Wilkin

**Non-Voting Members Present**

Wane Baker  
Mike Bilderbeck  
Art Giesler  
Rita Harrold  
Carl Huber  
Tom Lawrence  
Chris Mathis  
Matt Ritter  
Cesar Lim  
Doug Reindl  
Max Sherman  
Zuraimi Sultan

**Absent**

Roberto Aguilo, NVM  
Karim Amrane, NVM  
Babatunde Badru , NVM  
Ashish Rakheja, NVM

**Guests**

Kenneth Fulk  
Byron Jones  
Bill Klock  
Bill Walter  
Emily Winfield  
Keith Yelton  
Jack Zarour  
Mark Ames, Sr. Mgr. of Federal Government Affairs  
Steve Hammerling, AMORTS  
Susan LeBlanc, Stds Admin  
Lilas Pratt, MOSP  
Stephanie Reiniche, MOS  
Jim Scarborough, Manager - Grassroots Government Affairs  
Mike Vaughn, MORTS

**ASHRAE Staff**

DD Latham, Admin. Asst.  
Claire Ramspeck, DOT

**1. CALL TO ORDER**

Chair Jim Vallort called the meeting to order at 9:20 a.m. and asked Vice Chair, Pat Graef, to track the Action Items during the meeting. Mr. Vallort asked for any changes to the agenda. There being none, the agenda was accepted as presented.

*Secretary's Note: Quorum was met with 10 voting members, including the chair.*

**2. APPROVAL OF MINUTES**

It was moved by Doug Reindl and seconded by Charlie Culp that the:

**M1** Minutes of the June 13, 2016 Pre-St Louis Webinar be approved as distributed.

**MOTION 1 PASSED.** Vote: 8-0-1<sup>1</sup>, CNV (yes-no-abstain)

---

<sup>1</sup> Ben Leppard abstained as he did not attend the June 13<sup>th</sup> webinar.

### **3. STANDING COMMITTEE REPORTS**

#### **A. Standards**

It was moved by Doug Reindl and seconded by John Harrod that:

**M2** Consent motions 1 – 41 which have no unresolved commenters and no negative votes from the project committee or Standards Committee for publication approval be approved as distributed.

**MOTION 2 PASSED:** Vote: 9-0-0, CNV

#### **B. Technical Activities**

Chair, Tom Lawrence reviewed TAC activities with the council. Report can be found on the FTP site.

#### **C. Environmental Health**

Chair, Zuraimi Sultan reviewed EHC activities with the council. Report can be found on the FTP site.

#### **D. Refrigeration**

Chair, Matt Ritter reviewed REF activities with the council. Report can be found on the FTP site.

#### **E. Residential**

Chair, Max Sherman reviewed RBC activities with the council. Report can be found on the FTP site.

#### **F. Research Administration**

Chair, Carl Huber reviewed RAC activities with the council. Report can be found on the FTP site.

### **4. SUBCOMMITTEE REPORTS**

#### **A. Operations**

Chair, John Harrod reviewed OPS activities with the council. Report can be found on the FTP site.

#### **B. Special Projects**

Chair, Eckhard Groll reviewed Special Projects activities with the council. Report can be found on the FTP site.

## C. DRSC

It was moved by Pat Graef that:

- M3** Technology Council recommends that the BOD approve the *Combustion of Solid Fuels and Indoor Air Quality in Primarily Developing Countries* Position Document (PD).

**BACKGROUND:** The PD committee made changes to the PD to address negative voter comments from the recent Tech Council letter ballot. Changes are shown with track changes. DRSC reviewed concerns expressed related to the expertise and scope of the PD committee.

**MOTION 3 PASSED:** Vote: 9-0-0, CNV

It was moved by Pat Graef that:

- M4** Technology Council reaffirm the *Environmental Tobacco Smoke (ETS)* PD.

**BACKGROUND:** The current PD expires June 25, 2016. A PD committee to revise the PD has been approved and appointed. The revision will get the PD into the latest template, update references, and include some editorial changes. EHC anticipates that a revised PD would be available before the Winter Meeting. This reaffirmation would prevent expiration of the ETS PD until the work on the revision can be completed.

**MOTION 4 PASSED:** Vote: 9-0-0, CNV

It was moved by Pat Graef that:

- M5** Technology Council appoint Don Brundage as chair of the Climate Change PD Committee. .

**BACKGROUND:** The Climate Change PD expired in February 2016. TC 2.5 has been working on a draft revision but is need of a committee chair. DRSC discussed at their subcommittee meeting in STL but did not vote.

**MOTION 5 PASSED:** Vote: 9-0-0, CNV

## 5. EXECUTIVE SESSION

It was moved by Dan Int-Hout and Charlie Culp that:

- M6** Technology Council approve tentative research project 1729-TRP, *Experimental Verification of Cooling Load Calculations for Spaces with Non-Uniform Temperature Radiant Surfaces*, be awarded to University of Texas - Austin for a period of 24 months at a total cost to ASHRAE of \$182,841.

**MOTION 6 PASSED:** Vote: 9-0-0, CNV

## **6. CHAIRS REPORT**

Chair, Jim Vallort thanked the Council for their support during his year as Chair, recognizing the outgoing council members with certificates of appreciation.

## **7. ADJOURN**

There being no further business coming before the Council the meeting was adjourned at 10:30 a.m.

*Attachments to these minutes can be found on the FTP site under:  
03 Tech Council Info/Minutes/2015\_16/Attachments/St Louis*