

**Laboratory Method of Test of Fault Detection and Diagnostics  
Applied to Commercial Air-Cooled Packaged Systems**

**Standards Project Committee 207P**

**Meeting Minutes**

**Monday, January 30, 2017, 8am-10am – Las Vegas**

These draft minutes must be approved by this committee to be the official approved record.

Note: For votes concerning standards actions all members must be given an opportunity to vote. In the event all members are not present at the meeting a letter ballot will be sent to the absent members to vote, that will include all negative votes at the meeting and a Chair's response. In the event negative votes are received during the continuation ballot a recirculation ballot will be conducted.

Negative voters with comment on publication public review votes will be given an opportunity to appeal once the Board of Directors has approved the document for publication. Negative voters who do not comment **will not** be offered a right to appeal.

**VOTING MEMBERS**

Kristin Heinemeier, UC Davis - EEC	x
David Yuill, University of Nebraska	x
Mike Brambley, PNNL	X
Vance Payne, NIST	X
Adrienne Thomle, Honeywell	X
Amr Gado, Pentair	
Brent Eubanks, Integral Group	
Christopher Benson, Total Bldg Cx	
Dale Rossi, FDSI	X
Daniel Sullivan, Target	
David Shipley, ICF	X
Dick Lord, Carrier	
Glenn Remington, Consumers Energy	X
Jan Peterson, XCSpec	
Jay Enck, CxGBS	
Jon Douglas, Lennox	X
Klas Berglof, ClimaCheck	X
Liping Wang, University of Wyoming	X
Mikhail Gorbounov, Siemens	x
Robert Mowris, Verified	
Sean Gouw, SCE	X
Vern Smith, Smith Energy Engineers	X
Wayne Guelfo, Johnson Controls	x

**LIAISONS**

Lee Millies, Incoming SPLS Liaison
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**NON-VOTING MEMBERS AND VISITORS**

Alexi Miller, NBI
Aniruddh Roy, Goodman
Caleb Joiner, Trane
Christian Bach, OK State
Darryl Denton, IRCO
Edwin Huestis, PG&E
Eric Ebon, JCI
John House, JCI
Julie Eagle, IRCO
Mark Alatorre, CEC
Peter Armstrong, Masdar Inst.
Robert Davis, PG&E
Scott Creamer, Rheem

## FULL COMMITTEE MEETING

### CALL TO ORDER

- Called the meeting to order at 8 a.m

### SELF INTRODUCTIONS, MEMBERSHIP, ROLL CALL, APPROVE MINUTES

- Introductions around the room
- Distribute printed thumb drive docs from previous meetings
- During the discussion of the TPS, Les Millies introduced himself as Liaison to Standards Committee.

### APPROVAL OF MEETING MINUTES

- Motion to approve minutes from Orlando 2016 Winter Meeting:
  - Adrienne Thomle motion / Sean Gouw 2<sup>nd</sup>, unanimous with no abstentions.
- Motion to approve minutes from St. Louis 2016 Summer Meeting:
  - Chris Bensen motion / David Yuill 2<sup>nd</sup>, unanimous with no abstentions.

### DISCUSSION OF TITLE/PURPOSE/SCOPE

- Motion to discuss TPS in main meeting (instead of deferring till sub-group meeting)
  - Jon Douglas motion / Dale Rossi 2<sup>nd</sup>, unanimous with no abstentions.
- Discussion with Standards Liaison RE process for our TPS revision once we get it settled.
- Continued with discussion of scope for this (Las Vegas) meeting series.
- David Yuill introduced discussion of proposed revised TPS to limit scope to FDD for economizer systems, and defer refrigeration airflow sub systems.
- Concerns were raised about a continuing of refrigeration processes in the (work) beyond the new TPS specific to economizer.
- Discussion of whether SSPC format sets a workable framework to move forward. Concerns raised that there are too many unknowns to take firm position pending guidance from ASHRAE.

- Motion: “Keep current TPS of committee SPC207P unchanged for the time being and follow up by asking ASHRAE Standards committee for permission to issue for public review a draft standard with a narrower TPS to cover air side economizers.”
  - Dave Shipley motion / Mike Brambley 2<sup>nd</sup>, unanimous with no abstentions.
- Meeting discussion continued with review of inter-meeting work with wordsmithing of revised “economizer centric” document. Group discussion suggested need to continue work groups activity with refrigeration and airflow sections as work stoppage could adversely impact continuity and cause more work later to re-start. Seemed to be group consensus but no motion to formalize the “multi-path” roadmap vs only focus on economizer section (and document).

## ADJOURN

- Meeting adjourned at 10:00 am.