

**MINUTES of ASHRAE TC 6.6**  
**SERVICE WATER HEATING SYSTEMS**  
 AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.  
 1791 Tullie Circle, N.E./Atlanta, GA 30329  
 404-636-8400

TC/TG/TRG No: TC 6.6 TITLE: Service Water Heating Systems DATE: June 24, 2013 LOCATION: Denver, CO

<b>Participants</b>	<b>Present</b>	<b>Absent</b>	<b>Participants</b>	<b>Present</b>	<b>Absent</b>
<b><u>Voting Members</u></b>			<b><u>Corresponding Members</u></b>		
Frank Stanonik – Chair	X		John Richardson		X
Jim Lutz - Vice Chair	X		Kristin Schaefer		X
James Earley – Secretary	X		David Seitz		X
Charles Adams		X	Craig Selover	X	
Amin Delagah – Handbook	X		Alan Shed		X
Michael Garrabrant	X		Roy Smith		X
Fredric Goldner	X		Dan Snyder		X
Russell Johnson	X		Paul Sohler		X
Harvey Sachs	X		Larry Spielvogel	X	
Ben Schoenbauer-Program	X		David Springer	X	
Mike Steinhafel		X	Bodh Subherwal		X
Frank Myers – Stds. Chair (Non-Voting Member)	X		Richard Topping		X
<b><u>Corresponding Members</u></b>			Greg Towsley	X	
Earl Rightmier-118.1 Chair		X	Troy Trant	X	
Kevin Stuart-Webmaster	X		Alan Trehan		X
Martin Thomas – 124 Chair		X	Wayne Webster	X	
Ashley Armstrong		X	Cory Weiss	X	
Adam Darlington	X		James York		X
Robert Davis	X		Yanda Zhang	X	
Titu Doctor	X		<b><u>International Members</u></b>		
Mehdi Doura	X		Guillermo Soriano		X
Don Fisher		X	<b><u>Guests</u></b>		
Pat Goethal	X		John Bush	X	
Paul Glanville	X		Keith Dennis	X	
Jason Hall		X	Peter Grant	X	
William Healy	X		Hugh Magande	X	
Charles High	X		<b><u>ASHRAE Liasons</u></b>		
Paul Hikspoors		X	TAC Chair		X
Carl Hiller	X		John Dunlap-Sect. 6 Head	X	
Shamel Kassab		X	Steve Hancock ,Res.Lia.	X	
Gary Klein	X		-Std.Liason		X
Douglas Kosar		X	Sheldon Geitter, Hdbk Lia		X
George Kusterer	X				
Alexander Lekov	X				
Neil Leslie		X			
Dennis Mathei	X				
Larry Markel		X			
Colin McGugan		X			
Tim Merrigan	X				
Cyrus Nasserri		X			
Thomas Neill	X				
Marc Duy-Minh Neufcourt	X				
Wayne Reedy		X			
Mark Rehley		X			

**Minutes**  
**2013 ASHRAE ANNUAL MEETING, Denver, Colorado**  
**TC-6.6 SERVICE WATER HEATING SYSTEMS**  
**Monday June 24, 2013, 4:15 – 6:30 PM,**

Frank Stanonik, Chair, James Lutz– Vice Chair, James Earley - Secretary

- 1) The Meeting was called to Order by Chairman Frank Stanonik at 4:15 p.m.  
Self introductions  
A Quorum was determined 9 of 11  
The Chairman welcomed first time guests.
- 2) The Chairman reviewed the membership roster and the changes that would be effective on July 1, 2013.
- 3) The minutes of January 28, 2013 meeting were approved as distributed.
- 4) The Chairman gave a report from the TC Chairman's Breakfast  
Keep rosters, BIOs, and conflict of interest forms up-to-date  
Training for subcommittee chairs on Tuesday  
Please make recommendations for ASHRAE Membership awards  
There is a new award summary sheet  
Electronic Meeting is undergoing beta testing, issues on how quorum is determined  
ASHRAE is looking for members to review papers
- 5) TAC Section Head Report - John Dunlap reminded everyone to update their BIOs on the ASHRAE website
- 6) Committee liaison reports  
Steve Hancock, Research Liaison, noted that the quarterly report for RP-1544 was due. Mr. Hiller indicated that it would be provided soon.  
The work statement for proposed project 1640 needs to be resubmitted.  
Research has funds available and is looking for good projects  
A new RTAR form has been developed which should be simpler to complete.  
  
A question was raised whether a RTAR could be submitted on research to support the revision of Standard 118.2. Based on Mr. Hancock's affirmative reply, the TC agreed to establish a task group to develop the basic concept of a research proposal that would validate of the revised procedure being proposed for 118.2 R.  
  
It was also suggested that a research project could be proposed to look at the coordination of waste heat recovery systems and water heaters using condensing technology since preheated water supplied to the water heater may affect the efficiency of the water heater. It was noted that this needs some further development. The TC agreed to discuss this suggestion further at a future meeting.
- 7) Subcommittee Reports
  - a) Programs (Ben Schoenbauer)  
Ben reported that there was no TC 6.6 sponsored program in Denver. He noted that program proposals for the Winter meeting in New York are due by August 13, 2013.

The following are being considered as possible topics:

Commercial Kitchen water use – Amin Delagah

New residential water heater rating - Jim Lutz

Advocacy for new rulemaking- Harvey Sachs

Interaction between heat recovery and condensing water heaters, Frank Myers and Gary Klein

b) Standards – (Frank Myers)

SPC 118.2 – Jim Lutz reported that the SPC is meeting at 1:00 on Tuesday and the SPC is getting closer to a public review document..

SPC 118.1 – The new SPC has not been established yet.

SSPC 90.1 –Mr. Myers reported that the 2013 edition should be published in late fall. Frank Stanonik pointed out that SSPC 90.1 will be looking to TC 6.6 to provide input for measures to improve water heating system efficiency.

SSPC 90.2 – Bill Healy reported that the committee is considering the embedded energy in water supplied to residences; e.g. energy used for treatment and transport of the water.

SPC 124 – No report since the committee is meeting on Wednesday.

SPC 188 – Frank Myers noted that the draft is completing its third public review.

SPC 206 - Jim Earley reported that the standard has been voted out will and is ready to be published. The committee will be adding addendum

Guideline 12 – Frank Myers noted that the first draft of each section has been completed.

SPC 191P – Jim Lutz reported that the 80 comments from public review are currently being reviewed.

c) Handbook – (Amin Delagah)

Amin reported that the draft revisions to the Service Water Heating chapter have not been completed yet. He noted that the revised chapter needs to be approved by the TC by January 2014.

d) Research – No report

e) Membership – No report

f) Website – Kevin Stuart reported that the website is up-to-date

8) Old Business - None

9) New Business

Following up on the suggestion made during the Research Liason report, Harvey Sachs moved (Jim Lutz second) that the TC submit a RTAR on validating the revised test procedure proposed in 118.2R. The Motion passed 10-0-0 CNV. The plan is to ask for a max of \$100,000 and limit the number of units to validate whether the test is doable and repeatable

10) Next meeting will be on Monday January 20, 2014 in New York, New York.

11) The meeting was adjourned at 6:30 p.m.

Submitted Jim Earley Secretary