



**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.**

**1791 Tullie Circle, N.E./Atlanta, GA 30329  
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**TC/TG/TRG MINUTES COVER SHEET**

**(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)**

TC/TG/TRG NO TC 3.6 DATE February 1, 2011

TC/TG/TRG TITLE Water Treatment 3.6

DATE OF MEETING <u>February 1, 2011</u>		LOCATION <u>Las Vegas, Nevada USA</u>		
MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Michael Patton (Chair)	2007	Sig Gehlin	2009	Michael Adams-(Vice Chair)
				Dick Miller Jeremy Stokes Bill Pearson
Frank Morrison (Webmaster)	2009			Scott Shaffer
Philip Yu	2009			
Jon Cohen	2009			
Barry Fields				
Ron Wood	2007			Jana Rajan Sarah Ferrari
Scott Mayes	2007			
Bill McCoy				Dan Weimar
Alan Spence	2008			
Janet Stout	2008			
Paul Lindahl	2008			

**Others present: Steve Ebersol, Jeremy Stoker, Claressa Lucas, Robert Swaliki  
Michael McDonald,**

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***All Members of TC/TG/TRG plus the following:***

TAC Section Head:	Brian Silvetti
TAC Chair:	Bryan Becker
All Committee Liaisons As Shown On TC/TG/TRG Rosters:	Nancy Mitchell-Veeck, , Piotr Domanski, Julia Keen, Rex Noble, Sam Cunningham, Tim McGinn,
Manager Of Standards	Claire Ramspeck
Manager Of Research & Technical Services	Mike Vaughn

## **Minutes of the Las Vegas TC 3.6 Water Treatment Meeting held on June 26, 2011**

**Note: These draft minutes have not been approved and are not the official approved record until approved by this committee.**

**Meeting Location:** Las Vegas Convention Center,

**Scope:** This technical Committee is concerned with water treatment for building water systems (except sewage drainage systems), and the impact of water treatment on building operations and maintenance, water and energy efficiency, human health and water resource conservation in the application of those systems.

### **Preliminaries [M.Patton]**

The meeting was called to order by the Chairman, Michael Patton, at 1:00 PM. Introductions took place.

Attendance was taken. Of the sixteen voting members, twelve were present, constituting a quorum. There were 6 other attendees at the meeting, including 2 corresponding members.

The minutes of the Albuquerque meeting held on June 26, 2010 were presented for review and correction.

Motion by Morrison: Approve the Albuquerque Meeting Minutes. Seconded by Pearson. No discussion.  
**Motion carried 12-0-0 CNV.**

### **Review of Section 3 Breakfast Meeting Items [M.Patton]**

Roster update complete for effective date of January 1, 2010.

Tech Council has announced the roster is now automated. The bios need to be updated on the ASHRAE website. Conference papers can be Research Project final papers.

The chair discussed the Hightower Award.

**CEC-Committee on Exposition and Conferences**-No themes but different tracks. If we stay in the tracks, it helps the Committee to get seminars and forums.

### **ASHRAE Liaison Reports**

ASHRAE is requesting committees to use email, electronic meetings and conference calls between meetings to process routine business. This will help the time constraints at winter and summer meetings.

### **Membership [B Pearson]**

Bill Pearson announced that the Roster is correct and confirms there are 17 Voting Members (VM). If someone is interested in joining a TC, they immediately become a Provisional Corresponding Member.

Ron Wood, Dan Weimar, and Raja Jana are rolling on as Voting Members. Philip Yu will roll to a corresponding member effective July 1, 2011. There will be 17 voting members after this meeting. Steve Ebersol has indicated that he will become a Provisional Corresponding Member.

## **Handbook CH 48 [J.Cohen]**

At the end of July, CD+ will be eliminated and all revisions to the Handbook will be through web access.

## **Research [P.Yu]**

Steve Taylor Award has grants available for \$10,000 and Research for \$50,000. Research funding availability is approximately \$1.3 million. There are 23 possible projects. Eighteen projects will be bid in Spring 2011. ASHRAE is looking for multi-discipline projects across coordinating TC and other associations.

A new RTAR entitled "Evaluation of the Ability of Cooling Tower Drift Eliminators to Remove Legionella from the Effluent Air Stream" was submitted by Barry Fields. Two copies were given to Ray Cohen and Mike Vaughn for review. It is likely that this RTAR will be on the agenda for discussion during the TAC Spring Teleconference. Dick Miller and Sarah Ferrari agreed to take on the RTAR when Barry Fields leaves for Africa.

Tim Keane submitted RTAR # 1421 entitled "Impact of Supply Filtration on Building Water Systems" was rejected a few years ago. The reason for the rejection was due to the RTAR implied using a certain filtration device that might cause a conflict in the commercial venture issue. Tim agreed to work on the review. He will work on the RTAR to eliminate the conflict of interest and to include goals under the ASHRAE Strategic Plan 2101-2015. Scott Mayes agreed to work with Tim to revise RTAR # 1421.

No other RTARs are being worked on at this time.

Consult your Research Subcommittee Chair or Liaison for guidance when authoring RTARs or WS.

## **Programs (S. Mayes)**

The CEC changed the platform. The conference paper is between a seminar and a transaction session. We will do a conference paper in Montreal.

TC 6.9 Thermal Storage is offering to co-sponsor a seminar in Montreal, "Water Treatment in Thermal Storage Units". Mayes made a motion to proceed with this seminar and Morrison seconded. **12-0-0-CNV**

A motion was made to conduct a Forum "How Could ASHRAE Benefit Mixed Metal Heating Systems?" Al Spence will chair.

A seminar was proposed by Mayes entitled "Considerations of Using Reclaimed and/or Harvested Water in Your Systems?" Mayes made the motion and Pearson seconded. **12-0-0-CNV** TC 8.6 will co-sponsor. 191 might also participate.

A Conference Paper for Chicago is proposed entitled "Water and Energy Savings-Water Cooled Versus Air Cooled". This will require a paper with peer review. The abstracts will be due on 4/18. The papers will be due on 7/18. Mayes made a motion and Adams seconded. **12-0-0-CNV**

The Chair recognized Scott and his outstanding work on the Research Subcommittee.

**Standard Report SPC 188**

The Guideline 12 letter ballot was approved. SPC 188 voted to keep Guideline 12. ASHRAE Standards has approved.

SPC 188 will finish the Standard then move to Guideline 12. Pat Graef suggested that Guideline 12 be reinstated.

**Standard Report 191**

Scott Mayes reported that Standard 191 is close to being completed.

**WEB-Site [Frank Morrison]**

Chair gave great thanks to Frank Morrison on his spectacular maintenance on the TC3.6 website. Our website has been recognized as one of the best in Section 3 of ASHRAE. All reports will be on TC 3.6 Website. Rob Swaliki will become the new webmaster.

**Section Head Report**

No Section Heads were in attendance so no reports were presented.

**New Business****Old Business****Adjourn**

There being no further business before the committee, the Chair adjourned the meeting at 3:30pm noting that the next meeting is in Montreal.

Respectfully submitted,

M. Adams, TC 3.6 Secretary