

**MINUTES**  
**ASHRAE TECHNICAL COMMITTEE 6.3**  
**CENTRAL FORCED AIR HEATING AND COOLING SYSTEMS**  
 Tuesday, January 24th, 2012  
 1:00 – 3:30 PM  
 Clark 5 (7)

1. Call to Order at 1:05 p.m. and Introductions
2. Review Agenda, Voting Membership (Roster update), Establish Quorum (Quorum met – seven members present).

Name	Rolloff	Present
Walker, Iain (chair & standards)	2012	X
Crawford, Roy (vice chair & Secretary)	2013	
Temple, Keith	2014	
Lubliner, Mike (Research)	2014	X
Cummings, Jim	2012	
Francisco, Paul	2013	
Haydock, Paul	2012	X
Horak, Byron	2013	X
Nelson, Gary	2012	X
Rittelmann, Bill	2012	
Yeager, George	2014	X
Douglas, Jon (program)	2015	X
Non-voting		
Gaston (handbook)		X
Dianne Griffiths		X
Eric Wilson (web)		

3. Approval of previous minutes:

Minutes for Las Vegas and Montreal were approved by letter ballot.

4. Announcements

Report on TC/TG Chairs Meeting  
 Section 6 Liaisons

6. Subcommittee Reports

A. Handbook (Gaston)

Chapter 9: Design of Small Forced-Air Heating and Cooling Systems and Chapter 32: Furnaces were approved by letter ballot.

Changes submitted. Galley proofs in early February.

B. Program (Jon)

San Antonio Forum. Lab and field performance testing of challenges... Judith Jennings to chair.

San Antonio Seminar : New regional standards and their impact sponsored by TC8.11. Possibly a second seminar in Dallas after rulemaking.

"Cold Blow" forum by Mike Lubliner. Talking about heat pump performance.

Report on data from RP 1449 try for Dallas. Maybe Denver. Two parts: one on humidity modeling and one on validation.

Seminar and Forum proposals due 2/23/2012. Final conference and technical papers are due March 7<sup>th</sup> [www.ashrae.org/sanantonio](http://www.ashrae.org/sanantonio)

Tech papers and conference paper abstracts due Mar 19<sup>th</sup> for Dallas meeting. First submittal April 16<sup>th</sup>, Conf papers due July 9<sup>th</sup>. Website open for forum proposals June 1<sup>st</sup>:  
[www.ashrae.org/dallas](http://www.ashrae.org/dallas)

Starting with Dallas Speakers, board members and CEC members will be required to pay a registration fee of approx \$100. Conf price to drop to \$450. Small fee increase for all members.

Energy modeling conf October 1-12 Atlanta abstracts due Feb 15<sup>th</sup>. [www.ashrae.org/emc2012](http://www.ashrae.org/emc2012)

Conference paper reviews – less rigor, but hard to fit in timeline. Reviews to be more stringent. Need a list of volunteer reviewers for conference papers from each TC. Email it to Tony Giometti. Put list on TC website?

Ideas for mini-conferences – see white block on conference org-chart.

### C. Research (Lubliner)

RP1449: Modeling exercise for dehumidification in homes. 14 different approaches to improving humidity control. Need a 6 month no cost extension to end of September. Need justification from PMS chair.

**Motion made for six month no cost extension by Mike Lubliner. Second Byron Horak.**

**Vote 7-0-0**

TC8.10 Sizing Residential Dehumidifiers co-sponsorship RTAR. Chair to circulate draft RTAR.

Potential research related to 193. What else can be tested? What about a round robin for rooftop package unit air leakage? Operating pressures vs. test pressures. 90.1 has requirements for damper leakage that might also be included.

193 Errata – requires rewriting some

### D. Standards (Walker): 62.2, 193

193 will be referred to in Title 24 2013 – proposed – 45 day language currently out for review. 1.4% of nominal flow (21.7 cfm/kBtu and 400 cfm/ton) is max allowed leakage.

Iain Walker to check on errata and circulate revisions to committee.

62.2 summary of activities presented by Iain Walker, Mike Lubliner and Gary Nelson: compliance, intent to operate, removal of default infiltration, filtration of air. Low income in Wisconsin and their experiences with using 62.2 in 20,000 homes how many homes require fans, etc. Other DOE low income will require 62.2.

TC6.3 Montreal 2011 Agenda

E. Web Site (Olsen)

Web site up to date. Research philosophy and history updates from Mike Libliner.

F. ASHRAE Learning Institute (Gaston)

5. Standards Project Committee Reports

A. Standard 152R (Francisco). Waiting for hydronic system rewrite.

B. Standard 103 revision committee: Paul Haydock has volunteered to Chair. Other members are: Diane Jakobs, George Yeager, Judy Jennings, Mark Olsen, Bert Philips and Aykut Yilmaz from AHRI.

6. Old Business

Other letter ballots:

Approved the following conference paper session for San Antonio: Laboratory and Field Performance of Residential HVAC Systems.

Approved the PMS 1449 recommendation for a six month no-cost extension.

7. New Business

Rulemaking at federal level for energy code homes built to HD stds. Will be out for public review shortly.

8. Adjourn

*Note: All members and other interested persons are urged to attend the following subcommittee meetings and standard project committee meetings. Check meeting program to confirm locations and time slots.*

**SUBCOMMITTEE MEETINGS**

Research Subcommittee: Monday, January 23, 2:15-4:15 PM Clark 10 (7)

Program Subcommittee: Monday, January 23, 4:15-6:30 PM Clark 10 (7)

**STANDARD PROJECT COMMITTEE MEETINGS** (TC 6.3 cognizant)

None.

**Scope:** *Technical Committee 6.3 is concerned with those central forced air systems used for residential and light commercial building comfort heating and cooling. Responsibility covers the design and performance of the entire system, including equipment, controls, ducts and the interactions of the system with building heating and cooling loads.*

TC 6.3 roster changes for 2012-13

Name	
Crawford, Roy (vice chair & Secretary)	
Temple, Keith	
Lubliner, Mike (Research)	
Kristin Heinemeier	Corresponding member
Delaquilla, Dave	
Francisco, Paul	
Larry Brand	AV
Horak, Byron	
Bryan Rocky	AV
Diane Jakobs	Vice chair
Siegel, Jeff	
Yeager, George	
Douglas, Jon (program)	New Chair
Non-voting	
Gaston (handbook)	AV
Dianne Griffiths (secretary)	AV
Eric Wilson (web)	

TC 6.3 post 7/1/2011 roster

Name	Rolloff
Walker, Iain (chair & standards)	2012
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