

TC 1.2 Instruments and Measurements  
Meeting Minutes  
Orlando, Florida – February 8, 2005

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

- I. Meeting called to order at 1:00 p.m. by Chairman, Jim Clarke. Jim reviewed the agenda for the meeting.
- II. John Scott moved that the committee accept the minutes of the Anaheim meeting. Frank Spevak seconded. The minutes were approved 6-0-0.
- III. Section Head Report: Jim Clarke

Jim Clarke reported on the following items discussed at the Section Head meeting.

No nominations were submitted for service awards last year.

Representatives from the CLIMA 2005 Conference to be held in Switzerland are in Orlando.

The 2005 Heat Pump Conference will be held in Las Vegas.

TC Web master Training sessions will be held at the Denver meeting.

Technical Committees have many corresponding members who don't participate actively. Steve Iden volunteered to contact the inactive corresponding members.

The possibility of conducting virtual technical committee meetings via email was also discussed.

The email alias program is expanding. John Scott stated that it can be found in the shortcut menu on the ASHRAE website.

Sixty five programs requested for the Orlando meeting were rejected.

ASHRAE wants Technical Committee to co-sponsor programs.

- IV. Research: Frank Spevak

Frank Spevak stated that the Research Committee has submitted a strategic plan for research which was supposed to be approved by the Denver meeting but John Scott stated that it may not be approved by the Denver meeting.

Frank stated that there is a new manual of procedures for research which specifies that work statements and RTARs will be reviewed three times per year (At the two ASHRAE meetings and at the Tech meeting in the fall.

Priority 1 – WS 1245 - *Determine the Effect of Duct Fittings on Air Velocity Measurements.*

TC 1.2 discussed and approved the recommendation presented by the Project Evaluation Subcommittee on this project.

Priority 2 - *Factors Affecting Accuracy of Airflow Measurements with Capture Hoods*

**Deleted:** Frank Spevak stated that Arsen Melikov and others submitted the RTAR and it has been approved and accepted with comments. It was sent to Arsen. ¶  
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Frank Spevak stated that TC 5.3 and TC 7.7 will co-sponsor this research project.

Frank Spevak stated that Arsen Melikov and others submitted an RTAR titled “Measurements of air change rates in occupied homes” and it has been approved and accepted with comments. It was sent to Arsen.

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David Yuill stated that Jeff Sheen of NIST has submitted a RTAR for accuracy of relative humidity sensors. There is a poster session on a similar topic in a controlled laboratory. TC 1.2 may be interested in co-sponsoring it.

David Yuill also discussed a research project to measure airflow rates in occupied homes using a method which will not be intrusive to the occupants.

#### V. Standards: Jim Douglas

John Sabelli, Standards Committee, stated that the following standards need to be reaffirmed by 2006: Standard 41.1, 41.4 and 41.7. He asked TC 1.2 to send email to Mark Webber.

Frank Spevak stated that he would contact Terry Davis to set up committee for Standard 41.3.

John Sabelli stated that question was asked about acceptability of combining standards.

Charlie Wright stated that standards committee chairmen need a guidance document to help them understand the correct procedure.

**NOTE: Jim Douglas will provide detailed status information on specific TC 1.2 standards.**

#### VI. Programs: Stephen Idem

- A. “State of the Art in Air Contaminant Measurements”  
Steve Idem stated that he has two abstracts for a meeting after the Denver meeting.
- B. “What are the Problems with Humidity Sensors?”  
This program is inactive.
- C. “Validation of Instruments in Building Automation Systems”  
This program is inactive.
- D. “Chemical/Biological Sensors and Their Application”  
This program is inactive.

Steve Idem stated that a symposium (Program A) may be presented in Denver (or Chicago) depending on two papers which need revision. Two other papers are complete.

#### VII. Handbook

Terry Beck stated that ASHRAE expects to revise and issue the ASHRAE Handbook on CD annually.

David Yuill stated that other technical committees are considering the addition of text to the CD which will not fit in the printed handbooks.

Frank Spevak stated that an interactive feature which could be added to the Measurement and Instruments chapter is one which would demonstrate a log T traverse calculation. Links to completed research projects could be added.

#### VIII. Membership

Jim Clarke announced the following changes in committee membership for the 7/1/05 – 6/30/06 term:

John Scott will continue to be a voting member and will serve as committee chairman.  
David Yuill will become a voting member and will serve as vice-chairman.  
Charlie Wright and Steve Idem will become voting members.  
Terry Beck and Jose Perez-Galindo will become corresponding members.

IX. Website

Frank Spevak stated that he continues to struggle with the ASHRAE website template and will temporarily put the TC 1.2 website information on his company website until these problems are resolved.

X. New/Unfinished Business

None.

XI. Adjourn Meeting

Jim Douglas moved that the meeting be adjourned, Ron Moncrief seconded, and the motion was approved 6-0-0. The meeting adjourned at 3:23 p.m.

Attendees:

Jim Clarke	Terry Beck	Donald Bivens
James Douglas	Todd Hardwick	Steve Idem
Ron Moncrief	Bjarne Olesen	Jose Perez-Galindo
John Sabelli	John Scott	Frank Spevak
Charles Wright	David Yuill	