



**ASHRAE TC 5.1 FANS MEETING MINUTES Monday, JUNE 22, 2009**

Parker House Hotel, Chicago

**1. CALL TO ORDER**

Chairman George Gamble called the meeting to order at 4:15 P.M.

**2. ROLL CALL**

Members - Corresponding Members & Guests

Mike Brendel	Kim Osborn (CM)
Joe Brooks	Greg Wagner (CM)
David Carroll – Research	Thomas Bader (G)
Franco Cincotti	Steve Idem (G)
Brent Fullerton	Greg Meeuwsen (G)
John Murphy – Standards	Rad Ganesh (CM)
Asesh Raychaudhuri – Program	Zhiping Wang (CM)
Brian Reynolds – Handbook	Bob Valbracht (CM)
Tom Sobieski	Ray Rite (G)
Lorenzo Cremaschi (G)	
Chuck Coward	

**3. APPROVAL OF MINUTES**

Mike Brendeli made a motion to approve the minutes of the meeting held on Monday, June 23, 2008, in New York City. Asesh Raychaudhuri seconded the motion. The minutes were approved by a vote of 9 to 0.

**4. ROSTER**

Ten (9) of eleven (11) voting members were present. A quorum was formed.

**5. ADOPTION OF AGENDA**

The meeting agenda was adopted by consensus.

**6. REPORTS**

**TC 5.0 SECTION HEAD REPORT**

No Report

**TC 5.1 LIAISON REPORTS**

1. **1. RAC Research** – No report
2. **2. Handbook** – No report
3. **3. Program** – No report
4. **4. Journal** – No report
5. **5. Standards** – No report

**CHAIRMAN'S REPORT – George Gamble**

George reported that ASHRAE has created a TC member classification of Provisional Corresponding Member. This classification is available to anyone requesting it. After two years the Provisional Corresponding Member will be moved to Corresponding Member.

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**6. PROGRAM SUBCOMMITTEE – Asesh Raychaudhuri**

The program for this meeting did not include all program elements desired by the committee due to time constraints.

**6.1 Louisville** – Two papers presenting results from RP1223 are approved. Since three papers are required for a sessions, these papers will be submitted as a seminar A forum on multiple fan arrays. A seminar on the contribution of fans in achieving the goals of STD 90.1

**6.2 Orlando**– A seminar on multiple fan operation was suggested. A seminar on fan pressure (following up on forum held here. Selection of fan of best efficiency for different applications. A forum on vibration.

**6.3 Albuquerque** – A transaction presenting the results of RP 1272.

**7.-STANDARDS – John Murphy**

**7.1 SPC 87.2 In-situ Method of Testing Propeller Fans for Reliability** – Galley proofs approved. Standard will be published and SPC dissolved.

**7.2 STD 87.3, In-situ Method of Testing Propeller Fan Vibration – Diagnostic Test Methods**  
This standard is up for action now. John Cermak moved to reaffirm with the minor corrections pointed out by staff review, seconded by Patrick Chinoda. Motion carried 8, 0, 0 (Chairman not voting..

**7.3 ASHRAE 68/AMCA 330 Laboratory Method of Testing to Determine the Sound Power in a Duct** John Cermak moved and Franco Cincotti seconded to adopt ISO 5136 as this standard. Approved 8, 0, 0 (Chairman noted voting).

**7. HANDBOOK – Brian Reynolds**

Brian Reynolds reported on the progress of the review. Detailed review of the proposed changes have been about 50% completed. The revision sub-committee will continue this review by conference call in the next two months.

**8. RESEARCH – David Carroll**

**9.1 Research Chair Workshop** – David attended the workshop and reported that Mo Hosni is no longer the liason to Section 5, being replaced by ??

**9.2 RP 1126 Optimization of Sampling Tube for Induct Sound Testing** – Peter Baade has reported that he has gathered performance data and expects to produce a final report by the end of 2009..

**9.3 WS 1216 Inlet Installation Effects, Air and Sound on Centrifugal Fans** – The PMS and PI met at this meeting and testing is well underway. As of this date, the PMS has seen no data.

**9.4 RP 1223 Installation Effects on Small Propeller Fans, Air and Sound** – A motion to approve the final report was made by the PMS chair and seconded by John Cermak. Motion carried 9,0,0.

**9.5 RP 1272 Inlet Installation Effects on Forward Curved centrifugal fans, Air and Sound**  
Testing is complete and the final report is in process. The PMS met this morning to review and discuss the revisions requested by the PMS during an earlier meeting

**9.6 WS 1420 Installation Effects on Plenum Fans** – The Work Statement was approved and submitted. Minor changes were requested by HQ and were made. The PMS has been established as: Franco Cincotti – Chair, Rad Ganesh, Mike Brendel, Thomas Bader, and Curt Eichelberger

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**9.7 Suggested Research Topics**

Future research project under consideration is:

Research to develop criteria for improving the design of flow settling means utilized in multi-nozzle chamber performance testing defined in AMCA Standard 210

**9. LONG TERM PLANNING – John Cermak**

No report.

**10. FAQ**

No report. No questions have been forwarded from ASHRAE staff.

**11. WEBSITE REPORT – Brent Fullerton**

The TC 5.1 website is on-line and updated.

**12. FAN EFFICIENCY LABELLING**

Joe Brooks reported that the task group has recommended that the TC recommend to the 90.1 mechanical subcommittee. that an FEG of passed 9, 0, 0

**13. TIME AND PLACE OF THE NEXT MEETING**

The next meeting of the committee is scheduled to be held in Louisville, Kentucky on Monday, June 22, 2009.

**15. ADJOURNMENT**

The meeting was adjourned at 4:12 PM.