

ASHRAE TC 5.1 FANS MEETING MINUTES Monday, January 26, 2009

Parker House Hotel, Chicago

1. CALL TO ORDER

Chairman George Gamble called the meeting to order at 2:15 P.M.

2. ROLL CALL

Members - Corresponding Members & Guests

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

3. APPROVAL OF MINUTES

Mike Brendel 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.