

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.
1791 Tullie Circle, N.E./Atlanta, GA 30329
404-636-8400**

TC/TG/MTG/TRG MINUTES COVER SHEET

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

TC/TG/MTG/TRG No. TC 5.1 DATE 9/28/2011

TC/TG/MTG/TRG TITLE FANS
DATE OF MEETING 27 June 2011 LOCATION Montreal, Quebec

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Dr. John Murphy	2009	Patrick Chinoda	2008	Joe Brooks
Greg Sanchez	2007	Tim Mathson	2010	Jane Miller
Dr. Mike Brendel	2007	J. Thomas Sobieski	2007	Laura Petrillo
Dr. John Cermak	2008			Jay Eldridge
Franco Cincotti	2007			Rad Ganesh
Chuck Coward	2008			George Gamble
Brent Fullerton	2008			Michael Keating
Kim Osborn	2010			David Rasmussen
Asesh Raychaudhuri	2007			Larry Hopkins
Brian Reynolds	2010			David Carroll
Zhiping Wang	2008			(continued on next page)

DISTRIBUTION

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

TAC Section Head:	Gus Mastro
TAC Chair:	Dr. Charles Culp, III
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters:	ALI/PDC – John Nix Chapter Tech. Transfer Chair – Robert Laneve Research Liaison – Dr. Piotr A. Domanski Special Pubs – William Fleming Standard Liaison – Steven Bruning
Manager Of Standards Manager Of Research & Technical Services	Stephanie Reiniche Mike Vaughn

Additional ASHRAE TC 5.1 Attendance (continued from cover page)

Greg Wagner
Dustin Meredith
Greg Meeuwsen
Joshua Kading
Alex Lekhov
Blake Erbe
Joshua Lynch
Brian Morgan
Jenny Abney Sivie
Steve Idem
Larry Smith
Armin Hauer
Craig Wray
Herman Behls
Jeff Roberts

**ASHRAE TC 5.1 Meeting
Monday 27 June 2011**

Montreal, Quebec

Agenda

1. Call to Order

The meeting was called to order by the chair at 4:17 pm.

2. Roll Call

The following voting members were present:

John Murphy – Chair, Standards S/C Chair
Greg Sanchez, Vice Chair
Joe Brooks, Secretary
Mike Brendel
John Cermak, Long Range Planning S/C Chair
Franco Cincotti
Chuck Coward
Brent Fullerton, Webmaster
Kim Osborn
Aesh Raychaudhuri – Program S/C Chair
Brian Reynolds – Handbook S/C Chair
Zhiping Wang

The following voting members could not attend:

Patrick Chinoda
Tim Mathson
J. Thomas Sobieski

3. Adoption of Agenda

The agenda was adopted by consensus

4. Approval of the minutes

The last meeting of this TC was 31 January 2011.

Motion TC 5.1- 07-2011

Moved by: Kim Osborn
Seconded: Greg Sanchez

“To approve the minutes as distributed and on the website.”

Passed, unanimously by voice

5. Items of business

5.1 TC 5.0 Section Head Report

- Evaluations now will go to CEC and action will be taken for poor presenters (e.g., training)
- After the Chicago meeting there will no longer be meeting themes (will still have tracks).
- Set up a Multi-Discipline Task Group (MTG) to address issues wider in scope than can be handled by a single TC

5.2 TC 5.1 Liaison Reports

Gus Mastro emphasized the following three items:

- The CEC is looking for reviewers for Conference Papers and technical session chairs,
- TC should keep websites up to date, and
- there will be an ASHRE Headquarters webinar for webmasters this fall.

6. Subcommittee reports

6.1 Standards subcommittee

6.1.1 ASHRAE Standard 149 is reaffirmed

6.1.2 ASHRAE 68/AMCA 330 committee is being formed prior to identical adoption ISO 5136

6.1.3 ASHRAE 51/AMCA 210 periodic review committee is being formed. Anyone desiring to participate should contact the Secretary Joe Brooks.

6.2 Handbook subcommittee

The subcommittee chair reported that the 2012 chapter revision is complete and that the next action for the committee will be the proofing of the galley proofs. The TC discussed the disposition of some comments that were made after the letter ballot for approval was closed. The comments were sent to the committee. The TC consensus was to hold on to comments until the next review.

6.3 Research subcommittee

6.3.1 Current projects

The Subcommittee chair and PMS chairs reported on current research projects sponsored by the TC:

URP 1126 Optimization of Sampling Tube for Induct Sound Testing: appears to be off the ASHRAE books. This project will no longer be reported upon.

RP 1420, Installation Effects on Plenum Fans: It was reported that a no cost extgesnin was needed through April 2012

Motion TC 5.1-08-2011

Moved by: Franco Cincotti

“To recommend approval of a one year no cost extension be granted for RP 1420 until April 2012.”

Passed 11-0-0 (chair did not vote)

6.3.2 Future projects

It was reported that the following draft RTARS were given to the TC Research liaison, Piotr Domanske, for his preliminary review:

- An RTAR to tie together the series of air and sound system effects (Brian Reynolds),
- Effects of operating fans in parallel and series (Patrick Chinoda)

6.4. Program subcommittee

Programs for Chicago were suggested (seminar abstracts are due on 12 August):

- “How to measure fan pressure and velocity using commercial and high tech tools” Chuck Coward, Craig Wray, Rad Ganesh and an AMCA contact from the DOE FSAT program (Joe Brooks to contact).
- “Impact of Fan Energy Efficiency Requirements in Standards” by Mike Brendel and John Cermak.”
- “Energy Efficient Tunnel Fan Applications” for San Antonio (co-sponsor with 5.9)

6.5. Long Range Planning subcommittee

It was suggested that TC 5.1 join with TC 5.2 to promote calculation of system pressure drop taking into account total pressure

It was thought by some that an ALI (ASHRAE Learning Institute) course should be established to teach fan selection (due to the level of ignorance displayed at a recent seminar). John Murphy volunteered to investigate.

7. FAQ

The TC was asked if they wanted to develop their own question for the website FAQ section.

8. Website Report

The webmaster reported that the website was up to date.

9. Old Business

9.1 Fan Efficiency Task Force Report

A brief history of this task force was provided. The task force chair reported that the task force has met several times since the January meeting and, based on feedback from SSPC 90.1 Mechanical Subcommittee (MSC), modification to the recommendations were agreed upon and they were acted upon by the SSPC 90.1 MSC. The MSC modified the recommendations and issued an Advisory Continuous Maintenance Proposal (CMP). The CMP has been out for public comment and will be until mid-July. It was noted that an Advisory CMP provides an opportunity for the MSC to get feedback prior to the formal public comment procedure.

It was also reported that a member of the TF provided a short presentation at the SSPC 90.1 MSC meeting on the previous day. Many TC and TF members were present to answer questions.

9.2 Drive Efficiency Requirements for Belt Driven Fans

No report – this subject will be dropped from future agendas.

10. New Business

The following voting members will be rotated off the committee as of July 1, 2011:

Mike Brendel,
Franco Cincotti
Tom Sobieski

The following new members will be added:

Rad Ganesh,
David Rasmussen (from this meeting)
Laura Petrillo (from this meeting)

The following attendees wished to be added to the Corresponding Member list for this TC:

Craig Wray,
Armin Hauer,
Josh Kading, and
Michael Keating

11. Time and Place of Next Meeting

The next meeting of this TC will be on Monday, 4:15, Jan. 23, 2012 in Chicago, IL.

12. Adjournment

The meeting adjourned at 5:55 pm.

Minutes recorded by:

Joseph Brooks