

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.**

**1791 Tullie Circle, N.E./Atlanta, GA 30329
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TC/TG/TRG MINUTES COVER SHEET

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

TC/TG/TRG NO TC 9.9 DATE 10/08/2011

TC/TG/TRG TITLE Mission Critical Facilities, Technology Spaces and Electronic Equipment

DATE OF MEETING 10/06/2011 LOCATION Phone Conference

Voting MEMBERS	YEAR APPTD	PRESENT ABSENT	Voting MEMBERS	YEAR APPTD	PRESENT ABSENT
Robin Steinbrecher	10	P	Ecton English	10	P
Terry Rodgers	09	A	Don Beaty	10	P
Richard Pavlak	08	P	Jack Glass	09	P
Roger Schmidt	09	P	John Bean	10	A
Mukesh Khattar	09	P	Joseph Gangemi	10	P
David Quirk	09	P	Rhonda Johnson	10	P
Doug McLellan	09	P	Herb Villa	10	P
David Moss	11	A	Francis Mills	09	Int'l
Corresponding Members		Not Recorded			

DISTRIBUTION

<i>All Members of TC/TG/TRG plus the following:</i>	
TAC Section Head: Dr. Tom Lawrence	
TAC Chair: Charles Wilkin	
Manager Of Standards	Stephanie C Reiniche
Manager Of Research & Technical Services	Mike Vaughn

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

Opening Remarks

The meeting was opened at 4:00 pm EDT. Jack Glass introduced himself along with Vice Chair, David Quirk.

Jack gave an update on membership and noted that there are now 29 Provisional Corresponding Members on the roster. More names are pending addition.

Jack pointed out the new White Papers that are posted on the TC 9.9 Website regarding Contamination and the updated Thermal Guidelines. He also noted the article in ASHRAE Insights that mentions the new White Papers.

Jack encouraged everyone to begin making their arrangements for the Chicago Winter Meeting.

Agenda:

Programs Subcommittee – Nick Gangemi, Chair

Nick stated that (2) Conference Papers and (2) Seminars have been accepted for Chicago. Nick reviewed key dates for Chicago and San Antonio. Dates for submissions for both conferences are posted on the TC 9.9 Website.

Research Subcommittee – Mike Patterson, Chair

Mike reported that the Humidity and ESD research (1499) should be ready to start in September. The PES team has been formed. The contract is being reviewed with the successful bidder.

The research project 1487, Fluid Dynamics for rack-level cooling, is in progress.

Handbook Subcommittee – Chris Kurkjian, Chair

Chris was not available for the call. No Handbook update was given.

Standards Subcommittee - 90.1- Rick Pavlak, Chair

Rick gave an update on the progress of the Working Group set up between TC 9.9 and the 90.1 Mechanical Subcommittee. The group is reviewing the CMP submission for using PUE as an Alternative Compliance Path. The 90.1 members are working to understand and validate the values included in the proposal. This proposal was submitted by a member of TC 9.9 and endorsed by the Voting members.

Rick noted that there would be an interim meeting of the 90.1 MSC in Chicago later in October.

IT Subcommittee – Roger Schmidt, Chair

- It was reported that two new White Papers are posted on the TC 9.9 Website covering Contamination and the revised Thermal Guidelines.
- The Power Trends book revision is still underway and will be sent to the voting members for review and approval.
- The Thermal Guidelines book will be revised to reflect the changes in the White Paper mentioned above.

Publications Subcommittee – Don Beaty, Chair

- It was reported that preparations are being made for the revisions to the two books mentioned above.

SPC – 127 - Fred Stack

- It was reported that an updated version of the Standard went out for the 45-day public review. Four comments were received and are currently under review by the committee.
- Minutes of SPC-127 meetings are posted on the TC 9.9 website.

Discussion

Jack congratulated Francis Mills, TC 9.9 International member, upon becoming the Vice Chairman of the ASHARE Publications Committee.

The call concluded at 5:00 pm EDT.

Members will be notified of the next Conference Call

The call in information will be distributed