

**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 03/28/2012

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

DATE OF MEETING 03/08/2012 LOCATION Phone Conference

Voting MEMBERS	YEAR APPTD	PRESENT ABSENT	Voting MEMBERS	YEAR APPTD	PRESENT ABSENT
Robin Steinbrecher	10	P	Ecton English	10	A
Terry Rodgers	09	P	Don Beaty	10	A
Richard Pavlak	08	P	Jack Glass	09	P
Roger Schmidt	09	A	John Bean	10	A
Mukesh Khattar	09	A	Joseph Gangemi	10	A
David Quirk	09	P	Rhonda Johnson	10	P
Chris Kurkjian	11	P	Herb Villa	10	A
David Moss	11	P	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 Culp	
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 thanked those members who attended the Winter meeting and especially those who made presentations. Over 50 members were in attendance at the main committee meeting on Monday. The minutes are posted on the TC 9.9 site.

Jack noted the hotel information for the San Antonio meeting is available on the ASHRAE site and the conference rate is available until May 30.

Agenda:

Programs Subcommittee – Nick Gangemi, Chair

Most deadlines for San Antonio have passed. Key dates for the next Winter meeting in Dallas were mentioned. All submission deadlines are posted on the TC 9.9 site.

It was noted that TC 6.1 has an interest in a jointly-sponsored Conference Paper session about data center hydronic systems. The deadline is very close for Dallas.

Research Subcommittee – Mike Patterson, Chair

Mike reported that after all issues were resolved, the contract was awarded for the ESD/Humidity research project, 1499. Meetings will be scheduled with the contractor and the project team.

Handbook Subcommittee – Chris Kurkjian, Chair

Chris reported that the Applications Chapter 17 would be revised to reflect all the new information about the revised Thermal Guidelines. Participation by the IT Subcommittee members was welcomed.

Standards Subcommittee - 90.1- Rick Pavlak, Chair

Rick reported that Addendum AP, the proposal to use PUE as an alternative compliance path for 90.1 compliance, has not yet been sent out for public review. It is expected to go out later this month and will be for a 45-day review period. It was noted that members can submit comments in support of this proposal.

Rick reported that ASHRAE Board member, Dr. Eckhard Groll will be filling the new role as independent head of the TC 9.9/SSPC 90.1 Working Group. The new process is under review. The first meeting will be scheduled shortly.

In response to a question, it was noted that the PUE values in the proposal were based on climate zones.

IT Subcommittee – Roger Schmidt, Chair

The Subcommittee is close to completing the 3rd edition of the Thermal Guidelines book. It will be sent out to the voting members for review and approval.

Rhonda Johnson noted that TIA will update their standards to incorporate the new ASHRAE Thermal Guidelines information. It is expected a draft will be issued for review by March 25.

Publications Subcommittee – Don Beaty, Chair

It was reported that the updated Power Trends book was sent to ASHRAE for publication.

The 3rd edition of Thermal Guidelines will be the next publication.

The call concluded at 4:33 pm EDT.

Members will be notified of the next Conference Call

The call in information will be distributed