

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

**1791 Tullie Circle, N.E./Atlanta, GA 30329  
404-636-8400**

**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 1/06/2011

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

DATE OF MEETING 1/06/2011 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	P
Mukesh Khattar	09	A	Joseph Gangemi	10	P
David Quirk	09	P	Rhonda Johnson	10	P
Doug McLellan	09	P	Herb Villa	10	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 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. Jack Glass introduced himself along with Vice Chair, David Quirk and Secretary, Jonathan Spreeman.

Jack gave an update on membership and noted that 11 Provisional Corresponding Members have been added to the roster. Another 11 names have been submitted to ASHRAE and are pending addition.

The Las Vegas agenda was reviewed. Member, Rhonda Johnson provided a summary of all TC 9.9 meetings and related presentations that was distributed to the members. Vali Sorrell and Fred Stack offered to send in additions to the schedule.

A detailed list of topics to be covered at the TC 9.9 Committee meeting was read:

1. 90.1 discussions and education/ users manual
2. IT sub-committee issues and Thermal Guidelines
3. Applications Handbook Chapter 17
4. Group Site
5. Programs
6. Standard 127
7. Standard 189 Status & considerations
8. Fire Protection Issues
9. Research & Publications
10. DOE Training
11. Forum

The final schedule will be distributed before the meeting.

## Agenda:

### Programs Subcommittee - Vali Sorel, Chair

**It was noted that following the Las Vegas meeting, Nick Gangemi will succeed Valli as the Program Subcommittee Chair. Jack thanked Vali for his dedication to this roll.**

### Programs for Las Vegas

**Seminar 17 - "Codes and Standards that Influence Mission Critical Facilities", Craig Crader – session chair – Monday, 1/31, at 8 a.m.**

**Conference Paper Sessions 9 - : "Data Center Studies", Ecton English – session chair – Monday, 1/31, at 11 a.m.**

**Forums:** - the Forum, "Failure Mode and Effects Analysis and Risk Management in Data Centers" will be held during the TC meeting on , **1/31 from 4 to 5 p.m.**

It was noted that all presenters should have their presentations uploaded by 1-14-11.

### **Programs for Montreal**

It was noted that 3 Technical Papers and 11 Conference Papers have been submitted for consideration. The date is still open for Seminar submissions.

### **Research Subcommittee – Mike Patterson, Chair**

- Mike was not available for the call.
- It was reported that the Humidity and Corrosion write-ups were revised and submitted by the 12-15 -11 deadline.

### **Handbook Subcommittee - Doug McLellan, Chair**

- The subject of metrics and general direction for Chapter 17 will be discussed at the Las Vegas meeting

### **Standards Subcommittee - 90.1- Rick Pavlak, Chair**

- 90.1 2010 has been published
- The User Manual is still being edited
- Training classes will be available in Las Vegas

### **IT Subcommittee – Roger Schmidt, Chair**

- Robin Steinbrecher reported for Roger.
- The proposal to create a standard for the Thermal Guidelines equipment classes was voted down by the subcommittee members
- The subcommittee is revising the Contamination White Paper
- The subcommittee is considering changes to the equipment classes
- The Power Trends book revision is in the works

### **Publications Subcommittee – Don Beaty, Chair**

- Don was not available for the call
- Green tips - lead by Jack Glass – will be available in the Bookstore in Las Vegas
- Further discussion s will be held with the Green Grid regarding future joint publications

### **SPC – 127 - Fred Stack**

- The next meeting of the Committee will be on January 10.
- Minutes have been posted on the SPC -127 Groupsite

- Fred gave an update describing the proposed changes for rating capacity and the expansion to include more equipment and expected to vote in Las Vegas

**The next meeting is scheduled for the first Thursday of December.**

**The call in information will be distributed**