

DRAFT  
**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 5.11 DATE June 30, 2005

TC/TG/TRG TITLE Humidifying Equipment

DATE OF MEETING June 27, 2005 LOCATION Denver, CO

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Pat Graef	03	Michael Shows	03	Annette Dwyer
Gary Berlin	04	Joseph Carneletto	04	Robert Grattage
Ricardo Lira	02	Joel Solis	03	Dan Int-Hout
D. Scott Herr	02			
Earl Lewis	01			
James Bucholtz	03			

**DISTRIBUTION**

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

TAC SECTION HEAD:	Daniel Int-Hout
TAC CHAIR:	William Bahnfleth
ASHRAE MANAGER OF TECHNICAL SERVICES:	Mike Vaughn
ALL COMMITTEE LIAISONS AS SHOWN ON TC/TG/TRG ROSTERS:	

**ADDITIONAL DISTRIBUTION**

MANAGER OF STANDARDS MANAGER OF RESEARCH	Claire Ramspeck Bill Seaton
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DRAFT  
**DRAFT MINUTES**

**ASHRAE TC 5.11, Humidifying Equipment**  
Adams Mark Hotel, Denver, CO  
Monday, June 27, 2005

**I. CALL TO ORDER BY CHAIRWOMEN PAT GRAEF**

Chair Pat Graef called the meeting to order at approximately 2:15 p.m. A roll call was held, six (6) of the nine (9) members were present, establishing that a quorum was available to conduct committee business.

**II. APPROVAL OF MINUTES**

Mr. Gary Berlin moved to approve the Monday, Feb 7, 2005, meeting minutes. Robert Grattage seconded. The motion carried (6,0,0).

**III. ANNOUNCEMENTS**

The Chair reported the following items of interest:

- TAC is asking for cognizant TC's for a text book called "HVAC Simplified". Gary Berlin agreed to review any chapters regarding humidity
- At the section chair meeting, it was stressed that agendas needed to be sent out 30 days before a scheduled meeting and the resulting minutes distributed 60 days after the meeting.
- TCs were asked why they had not submitted a candidate to the High Tower Award. TC 5.11 did not have a candidate.

**IV. LIAISON REPORTS**

**A. Handbook**

Mr. Ricardo Lira reported that the revised handbook would need to be submitted to ASHRAE by the end of 2006 to be incorporated in the next release. He had received some comments from TC members. More applications would be greatly appreciated. James will post a copy of the chapter on the web page and send a link to everyone. Please Download, revise and send back to Ricardo. Ricardo asked for better illustrations. CAD format would be best.

**B. Website**

Mr. James Bucholtz reported that he had uploaded the committee's web material onto ASHRAE's new web-server. It is presently a little hard to find because the link is not listed on the TC Web page URL. In the mean time, he will keep it up to date if everyone will send him newsworthy information.

### **C. Program**

Mr. Robert Grattage reported on the following seminar topics for Chicago:

- Reduce static in paper and coating combined with innovative benefits (Gary Berlin)
- Humidity effects in automobile painting (Pat Graef)
- Design considerations of hospital and operating suites (James Bucholtz)
- The effects of humidity on medium fiber board (Joseph Carneletto)
- The behavior of various qualities of water on electric humidifier (Ricardo Lira)

Robert needs outlines from the speakers so he can put the presentations in the proper order.

Chicago will be Robert's last meeting as he will be retiring. Larry Hughes will be taking over after Chicago.

- Mr. Robert Grattage will continue as a corresponding member.

### **D. Standards**

Mr. Gary Berlin reported that SPC 164P, *MOT/Capacity and Air Pressure Drop of System Humidifiers for Residential Applications*, met earlier today. He expects the draft standard should be ready for public review after one more meeting of the SPC.

The Chair then reported on SPC 178P, *MOT/Humidifiers for Commercial Applications*. She stated that the SPC was using ARI 640, *Commercial and Industrial Humidifiers*, as a start but there would be some major changes. Mark-ups have already started. The committee is now balanced. It consists mostly of SPC 143 members and ready to move forward when SPC 143 goes out for public review.

### **E. Research**

Mr. Fred Kohloss, ASHRAE's Research Liaison, reported that after September, the research committee will begin excepting RTARs three times a year instead of one a year.

Gary Berlin suggested we revisit RP1029 and take out everything except steam. It will have to start over as an RTAR

## **VI. NEW BUSINESS**

None.

## **VI. DATE AND PLACE OF NEXT MEETING**

The Chair announced that the next meeting of TC 5.11 would be held in conjunction with the ASHRAE Winter Meeting in Chicago.

## **VII. ADJOURNMENT**

It was motioned by Mr. James Bucholtz, seconded by Mr. Bob Grattage

VOTED: TO ADJOURNED THE MEETING AT APPROXIMATELY 4:00 p.m.  
(6,0,0)