

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

TC/TG/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/TRG No. & TITLE: TG 9 MMB Moisture Management in Buildings Date: 5/5/03
 DATE OF MEETING: January 25, 2003 LOCATION: Chicago, IL

Members Present	Year APPTD	MEMBERS ABSENT	Year APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Carl Lawson (Chair)	01	Michael Schwedler	01	Jeff Traylor
Ron Bailey (Vice Chair)	01	Andrew Streifel	01	Lew Harriman
Mike Hayes (Secretary)	01	Gil Avery	01	Eric Burnett
Rodney Lewis	01	Chad Dorgan	01	Jim Willson
Mark Lentz	01		01	Jason King
Alberto Sanchez	01	Terry Townsend	01	Anil Shenoy
P Elizabeth Jones	01	James Buckley	01	Carsten Rode
M Ginger Scoggins	01	Arthur Hallstrom		John Murphy
		Robert Stotz	CM	Paul Shipp
Holly Bailey	CM		CM	William Brown
			CM	Achilles Karagiozis
			CM	Andre Desjarlais
				Hartwig Kueuzel
				Keith Temple
				Douglass Abramson
				Ray Patenaude
				Stan Slabinski
				Stan Gattland
				Steve Slayzak
				Dennis Stanke
				Marshall Mavney

DISTRIBUTION

ALL MEMBERS OF TC/TG/TRG

TAC Chairman:

K William Dean

TAC Section Head:

James S Buckley

Journal/Insights Liaison:

Ned W Belt Jr.

RAC Research Liaison:

Drury B Crawley

Program Liaison:

Charles E Henck

Education Liaison:

William J Landman

Staff Liaison (standards):

Claire B Ramspeck

Staff Liaison (research):

William W Seaton

Staff Liaison (tech services):

Michael R Vaughn

MANAGER OF TECHNICAL SERVICES:

Martin J. Weiland, PE

MANAGER OF RESEARCH:

Bill Seaton

MANAGER OF STANDARDS:

Claire Ramspeck

MINUTES
ASHRAE TASK GROUP 9
MOISTURE MANAGEMENT IN BUILDINGS

CHICAGO, IL
JANUARY 25, 2003

I Call to Order

The chairman, Carl Lawson, called the meeting to order at approximately 1:03 pm. Through a show of hands it was determined that the committee had a quorum.

II Self Introductions

All in attendance introduced themselves.

III Approval of Agenda

A motion to approve the agenda was made and approved.

IV Approval of the Hawaii Minutes

A motion to approve the minutes was made by Jeff Traylor, seconded by John Murphy, and approved

V Vice Chairman Report

Ron Bailey had no report at this time.

VI Chairman's Report

Carl Lawson asked the committee to submit names of perspective reviewers to Mary MaGee. He asked for 4 to 6 names if possible. Carl asked the committee to put together a symposium for the Anaheim meeting. Also, he asked for ASHRAE Journal articles for Mold and Mildew as The ASHRAE Journal was going to run some articles on this topic.

VII Programs at Chicago

Carl Lawson announced seminar #30 Molds and Mildew Mitigation in Construction to be on Monday, and Forum #19 Mold and Other spores Investigation, Monitoring, Control, and Maintenance issues to be held on Wednesday.

Carl Lawson reported that the comments from our two presentations in Hawaii received reviews in the 90's.

Achilles Karagiozis announced seminar #6, Vapor Control Strategy on Sunday from 8 to 10 o'clock

Mark Lentz indicated that there was a seminar possibility for a study on Wisconsin High Mold

Achilles Karagiozis discussed a residential crawl space case study possibly for the Kansas City meeting.

Carl Lawson asked the committee to submit 50 word abstract by the end of January, 2003. These abstracts are due to ASHRAE on 2/7/03

Mark Lentz would propose to other technical committees the idea of working together on a seminar on Large Buildings

Ron Bailey stated that he needed to postpone his school symposium from the Anaheim meeting to the Nashville meeting. Ron to provide a list of speakers to Carl Lawson.

VIII Sub committee Reports

The following liaisons were selected with Carl Lawson to send a request for approval as appropriate.

- | | |
|--|---|
| A. Program | Not Present |
| B. Handbook | Jeff Traylor reported that the handbook meeting was Sunday at 3 pm.. |
| C. Membership | Not Present |
| D. International Member | Hartwig Kuenzel reported that he was working on models to compare buildings models to mold conditions. This would in tale the transient conditions in the room to form a mold growth model. |
| E. Web Master | ASHRAE will host web sites for all committees. John Murphy will make a web site if hosting is available from ASHRAE. |
| F. Research | Elizabeth Jones reported that a research breakfast will be on Monday. Please send any information on existing research projects or new research ideas to Elizabeth Jones. Partial funding has been approved to develop a mold detector. There is also the possibility of a research project on EIFS (Exterior Insulation Finish System). The committee discussed the need for standardizing measuring moisture content in materials and that research was need on this issue. |
| G. Standards | Rodney Lewis reported that standard 62 committee is not moving quickly on revisions. They are working on particulate and ozone criteria currently and should come to a vote at their Chicago meeting. A revision on the ventilation code remains in contention. John Murphy reported the 62x, under review, currently has a criteria to maintain 65% rh at the design dew point condition. |
| H. Journals & Insights | Not Present. |
| L. Building Envelope | Ron Bailey asked for a 5 minute meeting after the current meeting to discuss drying and wetting of materials and the impact on the HVAC system. TC.44 was working on related information. Eric Burnett was trying to establish a forum of diverse people to discuss issues of moisture in building enclosures. GAS has a building envelop design guide. |
| M. Systems/Equipment | No Report |
| N. Occupancy Modes | Not Present |
| O. Controls | No Report. |
| P. Emergency Remediation | No Report |
| Q. Operations & Maintenance | No Report |
| R. Legal Issues | No Report |

Liaisons Reports Various TC's

- | | |
|-------------------------|-------------|
| A. Standard 62.1 | Not Present |
| B. Standard 55 | Not Present |
| C. TC 9.1 | No Report |

- D. TC 9.9 No Report
- E. ARI No Report

The committee discussed the legislative development of mold laws. An ad hoc ASHRAE position document will be prepared with the 3 items going for board approval at the Chicago meeting:

1. Position brief on mold
2. Position document scope
3. To recommend special publication on mold; 20 problems and solutions

Bill Brown will be the liaison to TC 4.4.

IX Status of Major Equipment Manufacturer's involvement

No Report

X Should we become a Technical Committee?

Carl Lawson will ask that the committee be part of section 9.

XI Should we investigate the possibility of developing a Standard or Guideline?

ASHRAE's new publication, one of the authors being Lew Herriman, is a good base of information on humidity control.

Ray Patenaude is to chair a committee to investigate a guideline, to be reported at the Kansas City meeting. The committee members will be Lew Herriman, Rodney Lewis, Mike Hayes, and Jason King. Carl Lawson will get a budget for conference call costs.

XII Should we have sub-committees

Carl Lawson indicated that we would not have sub committees.

XII Action Items

- A. **Commence a search on material from magazines, organizations, or individuals, etc., on moisture in buildings.** Jeff Traylor is creating a database, please send any information to him. .
- B. **Look at options on Moisture Mitigation.** No Report.
- C. **Discontinued**
- D. **Discontinued**

XIV Programs

Previously covered in meeting.

XV Standards

Previously covered in meeting..

XVI Web Master

Previously covered in meeting..

XVII Open discussion

Ron Bailey reported that Standard 55 did not get standard published on time and lost their ANSI approval.

Paul Shipp reported that the gypsum industry needs moisture measurement content improvements. Bill Brown reported that there is a conference on Building Science Technology and information can be gained at www.MBEC.ca.

XVIII ADJOURNMENT

A motion to adjourn was made by John Traylor, seconded by Ron Bailey, and was approved at 3:01 PM.

ASHRAE TC/TG/TRG ACTIVITIES SHEET

DATE: January 11, 2002

TC/TG/TRG NO.: 9 **TC/TG/TRG TITLE:** Moisture Management in Buildings

CHAIRMAN: Carl Lawson **VICE CHAIRMAN:** Ron Bailey **SECRETARY:** Mike Hayes

TC/TG/TRG MEETING SCHEDULE				
<u>Location – past 12 months</u>				
Honolulu, HI – June 2002 Chicago, IL – January 2003				
<u>Location - next 12 months</u>				
Kansas City, MO – June 2003 Anaheim, CA – January 2004				
TC/TG/TRG SUBCOMMITTEES				
None				
RESEARCH PROJECTS – Current				
<u>Project Title</u>	<u>Contractor</u>	<u>Reporting Comm. Member.</u>	<u>Report Made At Meeting</u>	
None				
LONG RANGE RESEARCH PLAN				
<u>Rank</u>	<u>Title</u>	<u>W/S Written</u>	<u>Approved</u>	<u>To R&T</u>
None				
HANDBOOK RESPONSIBILITIES				
<u>Year & Handbook Volume, Chapter & Title</u>		<u>Deadline</u>	<u>Liaison</u>	
In Development				
STANDARDS ACTIVITIES				
None				
TECHNICAL PAPERS from Sponsored Research – Title, when presented				

None
TC/TG/TRG Sponsored Symposia – Title, when presented (past 3 yrs & planned)
Proposed for Kansas City, Moisture Load Calculation Proposed for Nashville, School Design to Control Moisture
TC/TG/TRG Sponsored Seminars – Title, when presented (past 3 yrs & planned)
Mold and Mildew Mitigation in Construction, Chicago Wisconsin High Mold Case Study, Nashville
TC/TG/TRG Sponsored Forums – Title, when presented (past 3 yrs & planned)
Moisture Management in Hawaii and other Tropical Climates, Hawaii Mold and Other Spores Investigation, Monitoring, Control and Maintenance Issues, Chicago Residential Crawl Space Case Study, Nashville Moisture in Building Enclosures, In formulation
JOURNAL PUBLICATIONS
None

Submitted by: Mike Hayes