**TC/TG/TRG No. & TITLE:** TG 9 MMB Moisture Management in Buildings  
**DATE OF MEETING:** June 22, 2002  
**LOCATION:** Honolulu, HI

<table>
<thead>
<tr>
<th>Members Present</th>
<th>Year</th>
<th>APPTD</th>
<th>MEMBERS ABSENT</th>
<th>Year</th>
<th>APPTD</th>
<th>EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carl Lawson (Chair)</td>
<td>01</td>
<td></td>
<td>Alberto Sanchez</td>
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<td>Jeff Traylor</td>
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<td>Ron Bailey (Vice Chair)</td>
<td>01</td>
<td></td>
<td>Michael Schwedler</td>
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<td>Lew Harriman</td>
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<td>Mike Hayes (Secretary)</td>
<td>01</td>
<td></td>
<td>M Ginger Scoggins</td>
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<td></td>
<td>Achilles Karagiozis</td>
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<td>Rodney Lewis</td>
<td>01</td>
<td></td>
<td>Andrew Streifel</td>
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<td>Andre Desjarlais</td>
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<td>Mark Lentz</td>
<td>01</td>
<td></td>
<td>Gil Avery</td>
<td>01</td>
<td></td>
<td>Hartwig Kueuzel</td>
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<tr>
<td>Holly Bailey</td>
<td>CM</td>
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<td>P Elizabeth Jones</td>
<td>01</td>
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<td>John Murphy</td>
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<td>Terry Townsend</td>
<td>CM</td>
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<td>Jim Willson</td>
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<td>James Buckley</td>
<td>CM</td>
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<td>Ray Patenaude</td>
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<td>Arthur Hallstrom</td>
<td>CM</td>
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<td>Tim Corbett</td>
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<td>Robert Stotz</td>
<td>CM</td>
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<td>Stan Slabinski</td>
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<td>CM</td>
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<td>Steve Slayzak</td>
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<td>CM</td>
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<td>Dennis Stanke</td>
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<td>CM</td>
<td></td>
<td>Douglass Abramson</td>
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<td></td>
<td></td>
<td>CM</td>
<td></td>
<td>Charlie Culp</td>
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**DISTRIBUTION**

- ALL MEMBERS OF TC/TG/TRG
- TAC Chairman: K William Dean
- TAC Section Head: James S Buckley
- 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. Weiand, PE
- MANAGER OF RESEARCH: Bill Seaton
- MANAGER OF STANDARDS: Claire Ramspeck
Call to Order
The chairman, Carl Lawson, called the meeting to order at approximately 1:10 pm. Through a show of hands it was determined that the committee had a quorum.

Self Introductions

All in attendance introduced themselves.

Approval of Agenda

A motion to approve the agenda was made and approved.

Approval of The Atlantic City Minutes

A motion to approve the minutes was made by Rodney Lewis, seconded by Tim Corbett, and approved.

Jeff Traylor passed out a new scope for the committee.

After much discussion a new scope was presented (see attached). Rodney Lewis, moved and Lew Harriman seconded a motion to approve the new scope. A vote was taken with 6 for and 1 against the motion.

Vice Chairman Report

Ron Bailey had no report at this time.

Chairman’s Report

Carl Lawson asked the committee to be prepared at the next meeting to provide a work statement for Research at the next committee meeting.

Programs at Hawaii

Carl Lawson reviewed program sponsored by our committee. He also indicated that a seminar, the impact of Standard 62 and 90 on Moisture in Buildings was related to the scope of our committee. Rodney Lewis announced seminar 26 was about related subjects. Hartwig Kuenzel announced seminar 33 was about related subjects.
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 discussed the possibility of the committee scope generating a separate stand-alone chapter in the future.
C. Membership  Not Present
D. International Member  Ray Patenaude cannot be our international member. Carl Lawson asked Hartwig Kueuzel to be the committee’s international member and he accepted.
E. Web Master  Ginger Scoggins will be the new web master.
F. Research  Not Present
G. Standards  Rodney Lewis reported that standard 62 is shortly issuing and addenda on humidity control for public review. Hartwig Kueuzel announced that SPC 160P was working design criteria that may include humidity control. Achilles Karagiozis will be the committee’s liaison to SPC 160P.
H. Journals & Insights  Not Present. Carl Lawson asked for a volunteer to write in article for the Journal. Andre Desjarlais will write the article to be sponsored by the committee.
I. Building Envelope  No Report
J. Systems/Equipment  Mike Hayes handed out a report on the current state of the industry with regard to dehumidification. Mark Lentz added that air washers were not included in the report. (Please see report and attached addenda on air washers)
K. Occupancy Modes  Not Present
L. Controls  Mark Lentz was appointed the chairperson of the controls sub committee.
M. Emergency Remediation  It was suggested that a guideline on emergency remediation should be a part of the scope of the committee.
N. Operations & Maintenance  No Report
O. 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  Not Present

Doug Abramson is the liaison from EHC and will be our committee’s liaison from this committee.

IX  Status of Major Equipment Manufacturers involvement

No Report

X  Should we become a Technical Committee?

Carl Lawson reported that we cannot become a TC until after 4 meetings.
XI Should we investigate the possibility of developing a Standard or Guideline?

The committee will develop a guideline.

XII Should we have sub-committees on:

A. Schools  
B. Health Care Facilities  
C. Office Buildings  
D. Prisons  
E. Others

After discussion of this issue, no interest was shown to add sub committees in the short term.

XII Action Items

A. Commence a search on material from magazines, organizations, or individuals, etc., on moisture in buildings. Jeff Traylor created a database. He needs more information from the committee with regard to books, magazine, websites, and other material to add to this database. He will send an email to the committee with the criteria for the database.
B. Look at options on moisture mitigation. No Report.
C. Develop a list of engineers, etc. who deals with moisture management. No Report.
D. Develop a list of manufacturers who deal with equipment related to moisture management. No Report.

XIV Programs

A. Hawaii: Two programs discussed above are being presented at this meeting.
B. Chicago: Rodney Lewis, Ron Bailey, Lew Harriman, and Holly Bailey will work together to develop a seminar for this meeting. The abstract needs to be to Carl Lawson by Mid July.
C. Further out than Chicago: Ron Bailey will work with Carl Lawson on a symposium for Kansas City. Achilles Karagiozis will work on moisture loads concept for Kansas City. Ron Bailey will head in effort to develop a symposium on school design for the Anaheim 2004 meeting. Rodney Lewis and Chad Dorgan will assist. Paper needs to be complete by January 2003 so it can be reviewed by the Kansas City meeting.

XV Membership

A. Voting Members
B. Non-voting Members

No Action was taken.

XVI Handbook

A. Should we have a handbook chapter?

The committee will work on developing a chapter for the handbook.
XVII Standards

A. Status of 62.1 and others that are relevant.

The committee has a liaison to Standards 62.1, 55, and SPC 160P. Carl Lawson will appoint a liaison to Standard 90.1.

XVIII Web Master

A. Establish a web page

Ginger Scoggins will be the web master.

XIX Open discussion

John Murphy suggested that the controls and systems & equipment sub committees be combined. There was no objection amongst the committee. Ray Patenaude announced that there were two pertinent bills in congress regarding moisture control. The first bill is regarding causation regarding indoor air quality problems. For more information contact Ray. Lew Harriman announced that the National Academy of Science was doing a project titled Damp Indoor Spaces and Health Literature Search. It will start in January 2003 and is 15 months long. For more information go to www.Nationalacademies.org, project ID# HPDP-H-00-06-A

XX Establish Future meeting dates and times

Meeting time will remain the same with sub committee meetings being at 11 AM the same day as the meeting.

XXI ADJOURNMENT

A motion to adjourn was made and was approved at 3:05 PM.
## TC/TG/TRG MEETING SCHEDULE

**Location – past 12 months**
- Atlantic City, NJ - January 2002
- Honolulu, HI – June 2002

**Location - next 12 months**
- Chicago, IL – January 2003
- Kansas City, MO – June 2003

## TC/TG/TRG SUBCOMMITTEES

None

## RESEARCH PROJECTS – Current

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Contractor</th>
<th>Reporting Comm. Member</th>
<th>Report Made At Meeting</th>
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<tbody>
<tr>
<td>None</td>
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## LONG RANGE RESEARCH PLAN

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<tr>
<th>Rank</th>
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<th>W/S Written</th>
<th>Approved</th>
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<tr>
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## HANDBOOK RESPONSIBILITIES

**Year & Handbook**
- **Volume, Chapter & Title**: In Development

**Deadline**

**Liaison**

## STANDARDS ACTIVITIES

None
<table>
<thead>
<tr>
<th>TECHNICAL PAPERS from Sponsored Research – Title, when presented</th>
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<tbody>
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<tr>
<th>TC/TG/TRG Sponsored Symposia – Title, when presented (past 3 yrs &amp; planned)</th>
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<tbody>
<tr>
<td>Proposed for Kansas City, Moisture Load Calculation</td>
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<tr>
<td>Proposed for Anaheim 2004, School Design to Control Moisture</td>
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<tr>
<th>TC/TG/TRG Sponsored Seminars – Title, when presented (past 3 yrs &amp; planned)</th>
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<tbody>
<tr>
<td>#17 Case Studies for Moisture Control</td>
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<tr>
<td>Proposed for Chicago, topic to be determined</td>
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<tr>
<th>TC/TG/TRG Sponsored Forums – Title, when presented (past 3 yrs &amp; planned)</th>
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<tbody>
<tr>
<td>#12 Moisture Management in Hawaii and other Tropical Climates</td>
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<th>JOURNAL PUBLICATIONS</th>
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<td>None</td>
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*Submitted by*: Mike Hayes