

**TECHNICAL COMMITTEE 2.8 – Meeting Notes Winter Chicago 2009**

MEETING MINUTES –January, 2009

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS, INC.  
1791 Tullie Circle, NE / Atlanta, GA 30329  
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TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG No. TC 2.8 DATE: January 25, 2009

TC/TG/TRG TITLE: Building's Environmental Impact and Sustainability

DATE OF MEETING: January 25, 2009 LOCATION: Palmer House Hilton, Chicago, IL

<b>MEMBERS PRESENT</b>	<b>YEAR APPTD</b>	<b>MEMBERS ABSENT</b>	<b>YEAR APPTD</b>	<b>EX-OFFICIO MEMBERS &amp; ADDIT'L ATTENDANCE</b>
Tom Lawrence (Chair) John Swift Dave Grumman Kevin Cross Mitchell Swan Don Brudage Michael Deru Tom Capellin Andy Price Janice K. Means		Gail Brager Tia Heneghan Vikas Patraik Ismena Deacon Stephen Turner Jaap Hogeling		Bill Coad Malcolm Lewis Harvey J. Bryan Frank Mills Joy Altwies

DISTRIBUTION

**ALL MEMBERS OF THE TC/TG/TRG**

TAC CHAIR	Ryan Becker
TAC SECTION HEAD	Chuck Wilkin
SPECIAL PUBLICATIONS LIAISON	Julia Keen
STANDARDS LIAISON	Paul Cabot
HANDBOOK LIAISON	Pradeep Bansal
PROGRAM LIAISON	Joy Altwies
RAC RESEARCH LIAISON	Iain Walker
CTTC LIAISON	Frederic Genest
ALI LIAISON	Tim McGinn
STAFF LIAISON (RESEARCH)	Michael Vaughn
STAFF LIAISON (STANDARDS)	Claire Ramspeck

**Note:** These draft minutes have not been approved and are not the official, approved record until approved by this committee.

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<b>TC/TG/TRG MEETING SCHEDULE</b>				
<b>LOCATION – past 12 months</b>		<b>DATE</b>	<b>LOCATION - planned next 12 months</b>	
New York City		January 2008	Louisville	
Salt Lake City		June 2008	Orlando	
			June 2009	
			January 2010	
<b>TC/TG/TRG SUBCOMMITTEES</b>				
<b>Function</b>			<b>Chair</b>	
International Program Handbook Research Green Guide			Frank Mills Erica Reading Dave Grumman Andy Price John Swift	
<b>RESEARCH PROJECTS – Current</b>			<b>Monitoring</b>	<b>Report Mode</b>
<b>Project Title</b>	<b>Contractor</b>		<b>Comm.Chm.</b>	<b>At Meeting</b>
<b>LONG RANGE RESEARCH PLAN</b>				
<b>Rank</b>	<b>Title</b>	<b>W/S Written</b>	<b>Approved</b>	<b>To R &amp; T</b>
	TBD			
<b>HANDBOOK RESPONSIBILITIES</b>				
<b>Year &amp; Volume</b>	<b>Chapter Title</b>	<b>No.</b>	<b>Deadline</b>	<b>Handbook Subcom. Chair/Liaison</b>
2009 Fundamentals	Energy Resources	17		Grumman/Bansal
2009 Fundamentals	Sustainability	New		Grumman/Bansal
<b>STANDARDS ACTIVITIES - List and Describe Subjects</b>				
<b>TECHNICAL PAPERS from Sponsored Research - Title, when presented (past 3 yrs. present &amp; planned)</b>				

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Appendix 3
<b>TC/TC/TRG Sponsored Symposia - Title, when presented (past 3 yrs. present &amp; planned)</b>
Appendix 4
<b>TC/TG/TRG Sponsored Seminars - Title, when presented (past 3 yrs. present &amp; planned)</b>
Appendix 5
<b>TC/TG/TRG Sponsored Forums - Title, when presented (past 3 yrs. present &amp; planned)</b>
Appendix 6
<b>JOURNAL PUBLICATIONS - Title, when published (past 3 yrs. present &amp; planned)</b>
Lawrence, T.M., J.D. Mullen, D.S. Noonan, and H.J. Enck. 2005. “Overcoming Barriers to Efficiency”, <i>ASHRAE Journal</i> 47(9):S40-S44.
Lawrence, T.M. and J.E. Braun. 2007, “Calibrated Simulation for Retrofit Evaluation of Demand-Controlled Ventilation in Small Commercial Buildings”, <i>ASHRAE Transactions</i> 113(2):227-240.

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**Appendix 1**

**RESEARCH PROJECTS**

**TC 2.8 Research Projects Status**

**No active projects at this time due to newly formed committee**

**Active projects**

<b>#</b>	<b>Title</b>	<b>Joint TC</b>	<b>Cognizant Subcommittee/ Contractor</b>	<b>PMSC</b>	<b>Dates / status</b>

**Appendix 2**

**RESEARCH PLAN**

**Technical Committee 2.8  
Research Plan**

The following outlines the current status in the development of our research objectives and plan.

<b>Title</b>	<b>TC Priority</b>	<b>Prior TC priority</b>	<b>Society status</b>	<b>TC Status</b>	<b>Sub- com</b>
TBD, New Research Chair					

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**Appendix 3**

**TECHNICAL PAPERS FROM SPONSORED RESEARCH**

No projects completed at this time

<b>RP</b>	<b>Title</b>	<b>Contractor</b>	<b>Approved</b>	<b>Paper</b>

**Appendix 4**

**TC/TG/TRG SPONSORED SYMPOSIA**

**Current as of June 2008**

***PRESENT:***

Louisville, 2009

See TC 2.8 Mtg Agenda

***PLANNED:***

Orlando, 2010

- Energy Performance Case Studies on Military Facilities
- Low Carbon Cities III
- Water Conservation (SPC 191)
- What Does the Design Engineer Need? (Integrated Design)

Albuquerque, 2010

***PAST:***

**ASHRAE TC 2.8 - Building's Environmental Impact and Sustainability**

**WINTER 2009 MEETING (Chicago)**

**ACTION ITEMS**

**SLC Meeting Notes**

*Approval of Minutes:*

- minutes approved with no amendments.
  - Moved: Andy Price.
  - 2<sup>nd</sup>: Dave Grumman.
  - Unanimous approval

**3. Announcements/ Membership:**

- Chuck Wilken introduced the “provisional corresponding member” concept.
- An overview of the listserv was provided. (See end of these minutes for details.)
- Tom Lawrence provided an overview of the reorganization of TC 2.8.
  - o Elimination of some subcommittees.
  - o Start an International Subcommittee. Frank Mills to Chair
  - o Start an Existing Building Subcommittee? Looking for leadership volunteers.
- CLIMA 2010 Conference in Turkey-May, 2010
  - <http://www.clima2010.org/>
    - Call for papers extended to September 2009
    - Sustainable Energy Use in Buildings.
- 

**4. Standing Committee Liassons**

**Chuck Wilkin**

- introduced “provisional corresponding member” concept.

**RAC** – No report.

**STDS/Program/ACI**- No report.

**5.1 Research-** Andy Price- Sub-Committee Chair

Potential Topics: HPB documentation, Ventilation effectiveness on occupant performance, refrigeration leakage impacts.

**5.2 Programs-**Erica Reading reported on programs scheduled and took suggestions for new programs. See attached list.

**5.3 Hand Book** (Dave Grumman- see his notes)

#### **5.4 Green Guide**

- Spring 2010 targeted for publication of 3<sup>rd</sup> Edition.
- 75% DRAFT planned for June in Louisville.
- 100% for TC 2.8 vote for January Mtg in Orlando.
- Proposed TOC discussed at subcommittee mtg.
- Announcements to TC's/membership/etc.
- e-learning course being wrapped up
- See Subcommittee minutes attached.

#### **5.5 International (Frank Mills Report)**

- Introduced subcommittee leaders- Yau/ Rakheja, Mills
- 

#### **5.6 Standards**

- STD 189-3<sup>rd</sup> Public Review draft pending, (Katherine Hammack) (limited review is expected fall 2008).- expanded to 30+ voting members, Kent Pederson Chair, 2010 final vote targets
- STD 191-Official Meeting (JS). Draft for public review tentatively scheduled for Winter Mtg in 2012.

#### **5.7 Web Site (Dunstan Macauley- Webmaster)**

- Now on the ASHRAE Server
- Flawless rating from TAC
- Mtg Minutes will be posted

#### **6. Related Activities**

- 6.1 LEED (Brendan Owens)
  - Standard 90.1 continues to be used
  - AEDG's used for innovation credits
  - LEED 3.0- performance feedback on water and energy required- all projects registered after March 2009.
  
- 6.2 Advanced Energy Design Guides (Don Brundage)
  - 30% Out to print
    - Office
    - Retail
    - K-12
    - Warehouse
    - Hospitality
  - 30% in process
    - Highway.
    - Healthcare-being developed.

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- No funding for 50% AEDG's yet.
- 6.3 Interagency Sustainability Work Group (Dru Crawley)  
- 30% below 90.1-2004- lots of on-going work

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**New Business**

8.1 Short Course on Designing Towards Net Zero Energy Buildings- Dunstan Macauley

**Adjourn**

- Janice motion to adjourn/ Dave G 2<sup>nd</sup>.
- unanimous- motion passed- meeting adjourned

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**Attendees:**

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**TC 2.8 Web Site**

<http://gard.com/tc28/>

**TC 2.8 E-mail List**

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