

TECHNICAL COMMITTEE 2.8 – Meeting Notes: Winter Conference – New York
MEETING MINUTES –January 2014

ALL MEMBERS OF THE TC/TG/TRG

TAC CHAIR	Walter Grondzik
TAC SECTION HEAD	Thomas Sobieski
STANDARDS LIAISON	Cyrus Nasser
HANDBOOK LIAISON	Larry Akers
RAC RESEARCH LIAISON	Harvey Sachs
CTTC LIAISON	Chris Fudge
ALI LIAISON	Hugh McMillan
STAFF LIAISON (RESEARCH)	Michael Vaughn

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

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TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG No. TC 2.8 DATE: January 26, 2014

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

DATE OF MEETING: January 26, 2014 LOCATION: New York Hilton, New York, NY

TC/TG/TRG MEETING SCHEDULE				
LOCATION – past 12 months	DATE	LOCATION - planned next 12 months	DATE	
Denver, CO	June 2014	Seattle, WA	June 2014	
Dallas, TX	Jan. 2014	Chicago, IL	Jan. 2015	
TC/TG/TRG SUBCOMMITTEES				
Function		Chair		
International Program Handbook Research Green Guide Existing Buildings		Ashish Rakheja, Frank Mills Kevin Brown Dave Grumman To be Appointed Tom Lawrence Dunstan Macauley		
RESEARCH PROJECTS – Current		Monitoring	Report Mode	
Project Title	Contractor	Comm.Chm.	At Meeting	
LONG RANGE RESEARCH PLAN				
Rank	Title	W/S Written	Approved	To R & T
HANDBOOK RESPONSIBILITIES				
Year & Volume	Chapter Title	No.	Deadline	Handbook Subcom. Chair/Liaison
2013 Fundamentals	Energy Resources	34		Brundage/ Bansal
2013 Fundamentals	Sustainability	35		Grumman/Bansal
STANDARDS ACTIVITIES - List and Describe Subjects				

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TECHNICAL PAPERS from Sponsored Research - Title, when presented (past 3 yrs. present & planned)

Appendix 3

TC/TC/TRG Sponsored Conference Papers - Title, when presented (past 3 yrs. present & planned)

Appendix 4

TC/TG/TRG Sponsored Seminars - Title, when presented (past 3 yrs. present & planned)

Appendix 5

TC/TG/TRG Sponsored Forums - Title, when presented (past 3 yrs. present & planned)

Appendix 6

JOURNAL PUBLICATIONS - Title, when published (past 3 yrs. present & planned)

Lawrence, T.M., 2008, "Selecting CO₂ Criteria for Space Monitoring", *ASHRAE Journal* 50(12):18-27.

Lawrence, T.M., J. Perry and P. Dempsey, 2010, "Making Every Drop Count: Retrofitting Condensate Collection on HVAC Air Handling Units", *ASHRAE Journal* 52(1):48-54.

Lawrence, T.M., and J. Perry. 2010, "The Collection of Cooling Coil Condensate in High-Performance Buildings", *High Performance Buildings* 3(4):56-61.

Lawrence, T.M., J. Perry and P. Dempsey, 2010, "Predicting Condensate from HVAC Air Handling Units", *ASHRAE Transactions* 116(2):3-15.

ASHRAE TC 2.8 - Building's Environmental Impact and Sustainability

WINTER 2014 MEETING (New York)

1. **Roll call and Introductions** Macauley
 - 1.1. Meeting called to Order w/ Quorum at 5:05
 - 1.2. Roll Call
 - 1.3. Introduction
2. **Accept Agenda/Approve Minutes of Las Vegas Meeting** Macauley
 - 2.1. Approval of Minutes:
 - 2.1.1. Motion by T. Lawrence.
 - 2.1.2. Seconded by D. Fick.
 - 2.1.3. Minutes approved unanimously with no amendments (9-0-1, CNV).
3. **Announcements/Membership/Listserv** Macauley
 - 3.1. RAC recommended revisions to RTAR 1627. RAC recommended that a control group be added of buildings that are built to a code minimum standard (ASHRAE 90.1).
 - 3.1.1. J. Altwies moved that RTAR 1627 be revised to include the recommended revisions. K. Cross seconded. (11-0-1, CNV)
4. **Standing Committee Liaisons (TAC/RAC/StdCom/Program/SpecPub/ALI)**
 - 4.1. TAC
 - 4.1.1. No Liaison present.
 - 4.2. RAC
 - 4.2.1. Discussed RTAR 1627. See 3.1
 - 4.3. Standards
 - 4.3.1. No Liaison present.
 - 4.4. Programs
 - 4.4.1. No Liaison present.
 - 4.5. Special Publications
 - 4.5.1. No Liaison present.
 - 4.6. ALI
 - 4.6.1. In need of reviewers for a Smart Grid / Smart Building short course.
5. **Subcommittee Reports**
 - 5.1. **Research-** . Joy Altwies
 - 5.1.1. Review research priorities. The following topics will continue to be tracked:
 - 5.1.1.1. Do buildings constructed to Standard 189.1 perform as designed?
 - 5.1.1.2. Comparison of LEED buildings water usage.
 - 5.1.1.3. IAQ
 - 5.1.1.4. Embodied Energy

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5.1.2. Please contact Joy Altwies with and research ideas.

5.2. **Programs**- Kevin Brown.

5.2.1. TC 2.8 have 5 sponsored programs.

5.2.2. Tracking 10 programs for future conferences.

5.3. **Hand Book** – Doug Fick

5.3.1. Started to cycle for the 2017 handbook cycle.

5.3.2. Chapter has to be submitted by summer of 2016.

5.3.3. Looking for volunteers to review chapters. Please contact Doug Fick.

5.4. **Green Guide** - Tom Lawrence

5.4.1. Version 4 is now out.

5.4.2. The GreenGuide is now on 3 year maintenance cycle.

5.4.3. Need to investigate topics for next version.

5.4.4. Revised chapters on sustainable sites, IAQ. Also updated Green Tips.

5.5. **International** – Ashish Rakheja / Frank Mills

5.5.1. Seminars planned on the Energy/Water nexus.

5.6. **Standards** –

5.6.1. SSPC 189.1 Design, Construction and Operation of High Performance Green Buildings (Persily)

5.6.1.1. Will be a issued later this year to coincide with IGCC.

5.6.2. SPC 189.3P Design, Construction and Operation of High Performance Green Healthcare Facilities (Fick)

5.6.2.1. Committee scheduled to meet on Monday.

5.6.3. SPC 191P Standard for the Efficiency Use of Water in Building, Site and Mechanical Systems (J. Swift).

5.6.4. Reviewing comments from public review draft.

5.7. **Web Site** – Dave Ellis

5.7.1. Please provide recommendations on improving the Website.

5.8. **Existing Buildings** – Dunstan Macauley

5.8.1. Working on the embodied energy article.

6. Related Activities

6.1. LEED (USGBC – ASHRAE Interaction) - (Jay Enck)

6.1.1. LEED 2012 has been thru first for public review.

6.1.2. LEED 2012 will be out for second public review in July.

6.2. Advanced Energy Design Guides– (Paul Torcellini)

6.2.1. Now working on 50% series.

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- 6.2.1.1. Kicked off 50% guide for Grocery.
- 6.2.1.2. Requesting comments.
- 6.2.1.3. Currently funding has not be allocated past the 50% series. .
- 6.2.2. Any feedback please contact P. Torcellini.
- 6.2.3. In discussion within ASHRAE and DOE to determine how widely used are the guides.

6.3. Green Globes/GBI (Harvey J. Bryan)

- 6.3.1. No Report

6.4. DASH (Michael Deru)

- 6.4.1. No Report.

7. Input from other TCS

- 7.1.1. No Report

8. Old Business- no other reports

9. New Business

- 9.1. TAC is forming a new outstanding TC award.
 - 9.1.1. A new Hot and Humid Climate MTG has been formed.
- 9.2. CEC is soliciting conference papers reviewers.
 - 9.2.1. Adhoc committee formed to look at improvements to the website.

10. Adjourn

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TC 2.8 Web Site

www.tc28.ashraetcs.org

TC 2.8 E-mail List

This list is only for communications related to ASHRAE TC 2.8 Building Environmental Impacts and Sustainability. Do not distribute messages of any commercial nature.

To subscribe or unsubscribe to the list, you can go to the TC 2.8 list web site:
<http://lists.onebuilding.org/listinfo.cg/tc28-l-onebuilding.org>

To send a message to all subscribers to the list, address your message to:

tc28-l@lists.onebuilding.org

Note: ASHRAE does not operate this list. Please do not ask them for help. If you have any questions, please contact: Jason Glazer JGlazer@gard.com

Thanks to Jason and GARD Analytics for hosting this list!