

## Minutes

ASHRAE TC 1.8 Mechanical Systems Insulation  
 Monday, 30 June, 2014; scheduled 4:15 pm to 6:30 pm  
 Washington State Convention Center, Level 2, Room 204,  
 Seattle, WA, 98101

**Opening remarks:** Chairman Cottrell reported all members participating in ASHRAE business are expected to abide by the ASHRAE code of ethics. Mr. Cottrell gave a brief summary of the code of ethics and will circulate them again via e-mail.

### 1. Introduction and sign in:

Charles Cottrell-Chairman	VM	NAIMA	Art Gielser	PCM	PermaPipe
Willis "Bill" Brayman-Act Sect	CM	BIC LLC	Diana Fisler	Guest	J.M.
Darrell Peil	VM	Aeroflex	Marcus Bianchi, Ph. D. P.E.	Guest	Owens Corning
Charles Petty	VM	Lamtec	Monroe Shumate	Guest	J.M.
Mike Resetar	VM	Armacell	Vic Penar	Guest	Retired
Gordon Hart	CM	Artek Engr.	Chien Pan, Ph. D.	Guest	Conoco Phillips
Tom Ponder	VM	CertainTeed	George Phelps	Guest	Knauf Ins.
Andre' Desjarlais	VM	ORNL	Mark Smith	Guest	DMI Company
Jim Young	CM	ITW	Manfred Kehrer	Guest	ORNL
Alan Neely	CM	P.C.C.			

Notes: "VM and CM" member status at this meeting.

Quorum established: (6 of 10) voting members in attendance: ≥50%

**2. Membership:** Mr. Cottrell reviewed the changes in the roster as of July 1, 2014. There was a problem with ASHRAE TC 1.8 roster on-line but it will be updated ASAP.

As of July 1, 2014 the following members voting status will change to:

Bill Brayman	Voting Member	Manfred Kehrer	Correspond Mem
Andre' Desjarlais	Correspond Mem	Monroe Shumate	Correspond Mem
Darrell Peil	Correspond Mem	Ricardo Gamboa	Correspond Mem

Marcus Bianchi and Chien Pan requested to be made corresponding members of the TC. Mr. Cottrell will add Mr. Penar as a corresponding member.

**3. Minutes:** Approval of the TC 1.8 Minutes for Jan. 20<sup>th</sup>, 2014, at New York City were approved unanimously with the correction of the company names for Mike Resetar & Darrell Peil.

**4. Liaison Reports:** Art Gielser reported the new RTAR format is now in a "pdf" format only.

### 5. ASHRAE business announcements:

- A. Mr. Charles Cottrell reported about a new strategic plan which is available on the ASHRAE web site for review. (Note: the document can be downloaded from file:///C:/Users/ccottrel/Downloads/20101011\_strategicplan20102015.pdf)
- B. Electronic and Present (E&P) meetings is conducting Beta Test #6 for TC meetings being held in Seattle. This will allow members to participate in TC meetings remotely. The TC members that had done this previously remarked that it was somewhat difficult to do.
- C. The 2015 winter meeting and Trade Show will be in Chicago, January 24-28, 2015  
Chicago Seminar and Forum Session Proposals are due August 11, 2014
  - Revised conference papers / Final Technical Papers due August 18, 2014
  - Conf. and Tech. Paper Final Accept/Reject Notifications sent August 25, 2014
  - Seminar, Forum, Workshop Accept/Reject Notifications sent September 8, 2014
- D. The annual meeting will be in Atlanta, June 27 through July 1, 2015.
  - Conference Paper Abstracts Due are due September 22, 2014
  - Technical Papers initial drafts due September 22, 2014
  - Conference Paper Abstract Accept/Reject Notifications sent October 6, 2014
  - Website Opens for Seminar, Forum and Workshop Proposals on January 5, 2015
- E. The president of ASHRAE can provide a “Thank You” letter to your employer for your Technical Committee participation. You will be advised via e-mail as how to request this letter.
- F. Mr. Gordon Hart, past TC 1.8 chairman, was supported at the ASHRAE New York winter meeting by the members of the TC 1.8 to present an overview about Mechanical Insulation for TC 1.8 to the Oregon ASHRAE chapter. Mr. Cottrell asked Mr. Hart to give a short overview about his presentation and advised the members that he had previously distributed the presentation to the TC members. Mr. Hart outlined the presentation named “All about ASHRAE TC1.8 – Mechanical Insulation Systems.” The subject matter was 66 slides consisting of TC 1.8 activities, and details on research projects (RP 1550, RP 1356, RP 1646). The presentation included information on a proposed RTAR for “Permeance Testing for Vapor Retarder Systems” and a proposed RTAR for “Modeling Water Vapor Permeation into Mechanical Insulation Systems on Below Ambient Insulated Pipes.” The slides contained the name of Mr. Hart’s consulting company.

Mr. Neely stated ASHRAE CEC was reviewing the presentation for compliance with ASHRAE’s policy on presentations. Mr. Petty objected to information on “ASJ” paper issues and said that TC 1.8 members had not endorsed the content of the presentation. Mr. Shumate objected to some of the content of the presentation and recommended future presentations undergo a “peer review.” Mr. Cottrell stated any future presentations must be reviewed by ASHRAE prior to being given.

## **6. Research Subcommittee Report (Andre' Desjarlais)**

- A. The status of RP 1646: “Measurements of Thermal Conductivity of Pipe Insulation at Below Ambient Temperatures and in Wet Condensing Conditions with Moisture Ingress” by Lorenzo Cremaschi – Oklahoma State University final report should be available for CMS Review for revisions in October 2014. A motion was made and seconded to “request a no cost extension until 31 January, 2015”. This will allow time for the TC to receive final report, review and approve it. The motion was approved unanimously 6-0-0.
- B. The status of RTAR #1703: “Testing the Performance of Vapor Retarder Systems Used with Mechanical Insulation in Below Ambient Applications” by Messrs. Petty, Hart and Young. A motion was made and seconded to revise the RTAR. Mr. Petty read the “Expected Approach” portion of the 30 May, 2014 RTAR for the memberships’

information. The vote was 5-0-1 abstaining. This RTAR #1703 is cosponsored by TC 10.3 and TC 4.4. Mr. Jim Young will be the representative for TC 10.3.

- C. The status of the draft RTAR on: "Modeling of Moisture Accumulation in Pipe Insulation in a Below Ambient Application" by Gordon Hart was provided with explanations and revisions to Title. The TC member supported the changes.
- D. Mr. Cottrell asked all the membership for other ideas for new RTARs. Please submit ideas to him at for discussion at the Chicago meeting.
- E. The Research Subcommittee requested a one and a half (1½) hours' time period at the next meeting in Chicago.

**7. Handbook Subcommittee Report (D. Peel)**

A. This subcommittee's membership consists of:

Darrell Peel - Chairman	Charles Petty
Bill Brayman	Monroe Schumate
Gordon Hart	Jim Young

- B. Darrell Peel reported that he has e-mailed a Word® file of Handbook Chapter 26 to all the Subcommittee membership on or about 28 May, 2014. Darrell requested that each member review this chapter for updating the contents and send comments to Darrell by the next meeting in Chicago, IL.
- C. Jim Young advised the subcommittee that he was active member in TC 6.2 and reported about their ASHRAE Chapter HoS Chapter 11 dealt with heat transfer in underground insulated pipe. He suggested that this portion of the Chapter 11 Handbook be entered into TC1.8 Handbook by the year 2017. Jim said that he will send an insert (5 or 6 pages) from Chapter 11 to Charles for future considerations. Charles will forward same and ask for "if the membership thinks this information should be updated and / or if the membership thinks the information should eventually be in our Handbook Chapter 26.

**8. Program Subcommittee Report: (Mike Resetar)**

Mike reported that his subcommittee was working on a program for Chicago which will consist of mineral fiber, cellular glass, & elastomerics for industrial and mechanical insulation applications.

**9. Webmaster Report (Gordon Hart for S. Hart)**

Gordon advised the committee membership that Ms. S. Hart will continue to maintain the website and will continue to update (C. Cottrell's request).

One last thing by Charles Cottrell: For Atlanta meeting, the final conference papers are due by 05 January, 2015. In addition, Papers from Lorenzo Cremaschi and co-sponsors are due too.

**10. Old Business:** Nothing was reported

**11. New Business:** Nothing was reported

**12. Adjourn:** A motion was provided by Chairman Charles Cottrell to adjourn, which was unanimous. Adjournment was at 5:45 PM PDT.

Signed and attested by:

Willis "Bill" Brayman – Acting Secretary for TC 1.8