

Meeting Minutes

TC 1.8 Mechanical Insulation
January 20st, 2014 - Hilton, NY NY

1. Introductions and sign in. The following people were in attendance:

Charles Cottrell, NAIMA, Chairman	VM
Pat Noonan, Knauf, Vice Chairman	VM
Michael King, ARCOM,	CM
Alejandra Nietu, Roxul	guest
Willis "Bill" Brayman, BIC LLC	CM
Gordon Hart, Artek	CM
Alan Neely, Pittsburg Corning	CM
Charlie Petty, Lamtec	VM
Darrell Peil, Armoflex USA	VM
Jim Young, ITW	CM
Andre Desjarlais, ORNL	VM
Monroe Shumate, JM	guest
Mike Resetar, Armoflex	VM
Art Giesler, RLI	RLI
Manfred Kehrer, ORNL	guest

Mr. Cottrell reported all members participating in ASHRAE business are expected to abide by the ASHRAE code of ethics. He gave a brief summary of the code of ethics and will circulate them to the TC via e-mail.

2. Membership: There were 15 people in attendance, with 6 voting members out of 9 (the 9 does not include the 1 non-quorum voting member), 5 Corresponding members and 3 guests. A quorum was established for this meeting. The current roster is attached to the minutes. The Chairman will update the roster and make Mr. Brayman a voting member and change Mr. Gamboa's status from voting member to corresponding member. Both actions will be effective after the June 2014 Seattle meeting.

3. Minutes: The draft minutes from the Denver, CO June 24th 2013 meeting were circulated. Two changes were requested to the minutes:

- The title under section 6: Research for RTAR 1703 should read ""testing the Performance of Vapor Retarder Systems..." (Strike Thermal)
- Art Giesler noted that his name was spelled incorrectly in two cases in the minutes. Error noted. And apologies sir.

Following these changes, the minutes were approved unanimously.

4. Liaison Reports: Art Gielser reported the new RTAR format is now in a pdf format. The new format is intended to focus more on the topic of the RTAR, and is not as focused as the details of the project as had been it had been previously. The work and detail will get a thorough review in the work statement now, so be prepared to have the details ready in the work statement. Money is available for research and ASHRAE is requesting RTAR's and work statements.

5. ASHRAE business announcements - Mr. Cottrell reported:

- a. Nominations for the Hightower award are currently being accepted. Let him know if you have a deserving candidate for this or any award.
- b. ASHRAE has initiated a new outstanding committee award, which is to be presented on a yearly basis to the TC which has shown the most activity and progress. They are considering such things as research, technical papers and symposiums.
- c. A new multidisciplinary TG is being formed to evaluate Hot Climate Design (not hot and humid which already exists). Mr. Hart mentioned that mechanical insulation needs are overlooked in the design guides and volunteered to participate in this new TG.

- d. All TC members are responsible for filling out their own BIOS on the ASHRAE site. Please update accordingly.
 - e. The Oregon ASHRAE chapter contacted Mr. Hart (as the previous Chairman) and inquired about having someone from the TC give an overview on Mechanical Insulation for their Chapter. Mr. Hart is willing to represent the TC and give a presentation as requested. All TC members supported Mr. Hart presenting, and requested that a copy of the presentation be available to TC members for further requests.
6. Research (A. Desjarlais): RP 1550 has been completed, with a vote to accept at the last meeting. A disposition report still needs to be filed and Mr. Desjarlais will do that.

RP 1546, the project on below-ambient thermal testing on pipe insulation under humid conditions, researched by OSU was discussed. A progress report was presented at the technical subcommittee by Dr. Cremaschi on testing performed to date. A conference call was also arranged prior to the NY meeting to review the findings of work by OSU to address the concerns of the PMS on the emissivity of the pipe surface impacted by the addition of foil tape to reduce condensation potential on the pipe surface and into the test apparatus. The PMS at that time requested that testing be continued. An 8 month extension was granted in the Denver 2013 TC 1.8 meeting. At this time, the schedule has been delayed because of this work, so a time extension for the project until January 31st was requested by the PMS. This motion was made by Andre, and seconded by D Peil. The motion carried with a vote of 6 for, 0 against and no abstentions.

RTAR 1703, on the performance of vapor retarder systems, was discussed. The RTAR was revised based on comments by RAC. The research subcommittee made a minor change and voted unanimously to ask for the TC to recommend moving the project forward. Mr. Desjarlais made a motion for the TC to support moving the RTAR back to RAC for reconsideration. Mr. Hart seconded the motion. The TC voted to move the RTAR forward by a vote of 6 for, 0 against with no abstentions.

A new RTAR was discussed on moisture modeling in pipe insulation in below ambient conditions. It was based on using data generated from RP-1546 and RTAR-1703, so the TC recommended that Hart/Kehrer draft an RTAR for the next meeting in Seattle.

7. Handbook: The 2013 version of the HOF has been published and issued. It is time to start on the next cycle due for 2017. The TC members discussed adding the results from RP 1550 on insulating coatings as well as RP-1546. The current version of the chapter will be issued for review.
8. Program: The program submitted for the Denver meeting has not changed. Mr. Petty has asked to resign from being program chair, a position he has held for the last five years. A discussion centered on the possibility of having a fundamentals & applications workshop, but no clear assignment was given. Mr. Resetar made a offered to assume the responsibility of Program chair. Thank you Sir!
9. Webmaster report: Ms. Hart will continue to be our Webmaster. The TC wishes to Thank Sharon for her support and timely additions to the site.
10. Old Business: TC 10.1 continues to work on insulation under cryogenic conditions
11. New business: Mr. Brayman talked about the need to educate ASHRAE members on the problems associated with changing the criteria for outside process conditions outside of the original design criteria. A new TC 10.3 will be looking at systems operating in the range of 35 deg F to -100 deg F. There was also talk of new programs on Commercial Building audits under Std 100-2006 SPC, focusing on existing buildings, although no commitments were made to pursue.
12. Adjourn: A motion was made by the Chairman to adjourn, which was unanimous.