



NFRC 2010 Spring Membership Meeting
April 12-15, 2010, New Orleans, LA

Minutes

Research & Technology Committee

Tuesday, April 13, 2010

Under Research & Technology Committee Block: 8:00 a.m. – 1:00 p.m.

Chair: *Werner Lichtenberger, Truseal Technologies*

Vice Chair: *Dave DeBlock, ODL Inc.*

1. Chair Lichtenberger called the meeting to order at 12:17 p.m.
2. John Lewis (NFRC staff) was appointed recording secretary.
3. The roll call was taken and a quorum was established
4. **Reports ~**

- a. **Research Subcommittee**

Acting Chair Peter Lyons (for Chair Bipin Shah) asked the R & T Committee to act on the following action items:

- i. **Motion** — P. Lyons / J. Hayden, to extend the CMA CR Project completion deadline to the Fall 2010 membership meeting. Motion passed by unanimous voice vote.
- ii. **Motion** — P. Lyons / D. DeBlock to extend the deadline to the Fall 2010 membership meeting. Motion passed by unanimous voice vote.
- iii. **Motion** — P. Lyons / J. Gant to accept the Awning Feasibility Report written by Ross McCluney. Motion passed by unanimous voice vote.
- iv. **Motion** — P. Lyons / J. Hayden to approve NFRC 703 as edited and implement upon publication. Motion passed by voice vote.
- v. **Motion** — P. Lyons / J. Hayden to extend W6/T6 Project completion deadline to the Summer 2010 meeting. Motion passed by unanimous voice vote.
- vi. **Motion** — J. Hayden / T. Rygg to approve the *Revised Algorithm to Reduce CMAST Variance RFP*. Motion passes by a vote of 11-10-0.
- vii. **Motion** — J. Hayden / T. Rygg to approve the *Revised Algorithm to Reduce CMAST Variance RFP*. Motion failed by a vote of 7-11.
- viii. W. du Pont withdrew his affirmative vote on the prior motion, thereby the prior motion was reconsidered. **Motion** — J. Baker / J. Hayden to affirm the action of the research SC to and return to the submitter the *Revised Algorithm to Reduce CMAST Variance RFP*. Motion passes by a vote of 17-0.

- b. **Optical Properties Subcommittee**



Minutes

Acting Chair Christian Kohler (for Sneh Kumar) reported the NFRC 302 ballot was withdrawn by the Optical Properties Subcommittee.

c. **Thermophysical Properties Subcommittee**

Chair Charlie Curcija asked the R & T Committee to act on the following action item:

- i. **Motion** — C. Curcija/ D. DeBlock to approve NFRC 101 as approved by the SC and implemented upon publication. Motion passed by unanimous voice vote.

d. **Glossary and Terminology Task Group**

Chair Charlie Curcija asked the R & T Committee to act on the following action item:

- i. **Motion** — C. Curcija / R. McCluney to approve NFRC 600 as approved and edited by the SC [modified terms will be recommended for change the 3 terms as discussed in SC and also in the base document] and implemented upon publication. Motion passed by unanimous voice vote.

5. **New Business ~**

- a. Chair Lichtenberger reported the BOD requested the formation of 2 new task groups: Daylighting Rating Task Group and Ventilation Rating Task Group. Ray Garries (Jeld-Wen) has volunteered to chair the Ventilation Rating Task Group (reporting to the Research SC).

The draft scope was presented as:

“To create a NFRC Ventilation rating system utilizing net clear opening less a screen factor. The labeling rating should use a sliding scale of 0-60 sf.”

Chair Lichtenberger asked a time frame be developed, the scope be finalized, and individuals come forward to sign the roster if interested in joining the TG.

Regarding the Daylighting Rating TG; Chair Lichtenberger reported that Roger Le Brun (VELUX) and Mudit Saxena (Heschong Mahone Group) have both volunteered to chair this group; he also asked a time frame be developed, the scope be finalized and interested individuals come forward to sign the roster if interested in joining the TG.

The draft scope was presented as:

Phase 1: “To create a rating system for daylighting potential utilizing existing VT rating combined with known, normalized natural visible light quantities. The labeled rating should use a sliding scale of potential.”



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Minutes

Phase 2: To create a rating system to allow designers to utilize a standardized lighting measurement of fenestration products considering glare, incident angle, reflection and other complex variables. The rating may be labeled and use a numeric and scalable output

- b. M. Saxena provided brief presentation entitled “Update on Daylighting Simulation Capabilities.”

6. Adjournment ~ there being no further business, the meeting adjourned at 1:12 p.m.

DRAFT