



NFRC 2010 Fall Membership Meeting  
November 8-11, 2010, San Francisco, CA

## Minutes

### U-Factor Subcommittee

Wednesday, November 10, 2010

*Under Technical Committee Block\*: 7:30 a.m. – 11:30 a.m.*

*Chair: Michael Thoman, Architectural Testing, Inc.*

*Vice Chair: Mahabir Bhandari, Carli, Inc.*

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1. Chair called the meeting to order at 4:59 PM- antitrust reminder given and reviewed voting requirements
2. S. Hanlon (NFRC Staff) was appointed recording secretary
3. The agenda was reviewed and approved as presented.
4. The minutes from July 2010 meeting (Virtual) were approved as presented.
5. Reports
  - a. Tubular Daylighting Devices Task Group – D. DeBlock reported that the TG is working on VT as stated in R & T.
  - b. Garage / Rolling Door Task Group – J. Hetzel reported that there are no action items and that data from research on including hardware during testing was reviewed and that a ballot may be forth coming. The next ballot will include results from the previous ballot. The TG concluded that there is not enough data to move the garage door to a test only product and recommends refining the simulation process to make it more accurate. DASMA will be conducting research projects on conductivity values of insulation materials and will review ISO documents.
  - c. Door Task Group – D. DeBlock reported that the TG is interested in modifying the door matrix label and door modeling simulation techniques. It was recommended to provide the information regarding the simulation concerns to the SC chair so that information can be forwarded to the appropriate TGs. It was also recommended to work with the PCP Review TG for any labeling concerns.
  - d. Testing Laboratory Task Group –M. Thoman reported that the TG has presented three ballots for this meeting.
  - e. Skylight Task Group – R. LeBrun nothing to report.
  - f. Sightline Tolerance Task Group – J. Hayden provided a status of the TG work and reported that at the SHGC SC J. Larsen will provide a presentation of data on the concept of “grouping” products based on sightlines / vision area.
6. Unfinished Business
  - a. None
7. New Business
  - a. NFRC 102 Section 9 & Table A5-1 Ballot  
Architectural Testing; M. Thoman (Table A5-1) - APC



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**MOTION:** K. Brenden / D. DeBlock moved to find the motion persuasive and editorial and remove the table from 102. Motion passes by unanimous voice vote.

**MOTION:** D. DeBlock / J. Hayden move the ballot as edited forward to Technical for approval. Motion passes by unanimous voice vote.

b. NFRC 102 Wind Velocity Ballot

Hunter Douglas: M. Cienian (Response 001) – NEG

**Withdrawn**

**MOTION:** B. Schultz / D. DeBlock move the ballot, as edited, forward to Technical for approval. Motion passes by unanimous voice vote.

c. NFRC 102 Frequency Requirements Ballot

Sunergy: W. duPont (Section 6.1 (A), Table 6-1) – NEG

**Withdrawn**

**MOTION:** W. duPont / D. DeBlock move to replace the words “Test sample” with “Surround Panel” in the Exterior Velocity Mapping section in the Calibration Frequency ballot. This change was considered editorial. Motion passes by unanimous voice vote.

Sunergy: W. duPont (Section 6.1 (A), Table 6-1) – NEG

**MOTION:** M. McDonald / D. DeBlock move to find the negative non-persuasive. Motion passes: 25-2.

SunPine Consulting: R. McCluney (Section 6.1 (A)) – AC

**No action necessary – clarification was provided.**

**MOTION:** G. Riopel / B. Schultz move the ballot, as edited, forward to Technical for approval. Motion passes by voice vote.

- d. M. Thoman informed the membership that the W5 / T5 software has an interior film coefficient issue with 20 degree tilted products from the 15099 algorithms. The recommendation is that W6 / T6 software has been corrected and that the error in W5/T5 is conservative and that the “new” ratings will perform better than the W5/T5 rated products. There was no issue with the products that are simulated at the 90 degree. Therefore, LBNL will provide NFRC staff with a file to submit to simulators to be used in the current W5/T5 approved software.

8. The meeting was adjourned at 5:48 PM