



NFRC 2011 Spring Committee Week Meeting  
March 28-30, 2011, Las Vegas, Nevada

## Minutes

### U-factor Subcommittee

Monday, March 28, 2011

*Under Technical Committee Block Period: 2:00 p.m. – 5:30 p.m.*

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

*Vice Chair: TBD*

---

1. M. Thoman called the meeting to order at 2:32 PM, antitrust reminder given and reviewed voting requirements
2. Sherri Wendt (NFRC Staff) was appointed recording secretary
3. The agenda was reviewed and chair allowed items 7.e and 7.f to be added and revised was approved.
4. The minutes from November 2010 meeting in San Francisco were approved as presented.
5. Reports
  - a. Tubular Daylighting Devices Task Group – D. DeBlock reported continues to meet regarding SHGC (angular ratings) and VT (TDD ratings).
  - b. Garage / Rolling Door Task Group – J. Hetzel reported that the TG has not met and that there are two ballots to discuss at this meeting.
  - c. Door Task Group – D. DeBlock reported that the TG has met regarding the Full CPD number requirement and that ballots will be discussed at the Ratings Committee.
  - d. Testing Laboratory Task Group – M. Thoman reported that the TG has not met since the last meeting and that there are action items from the LAP / CAP Workshop that took place on March 27th.
  - e. Skylight Task Group – R. LeBrun reported that the TG has not met and is looking for input from TG members on any issues.
  - f. Sightline Tolerance Task Group – J. Hayden deferred to item 7.h for the TG's ballot.
6. Unfinished Business
  - a. None
7. New Business
  - a. NFRC 102 Garage Door Ballot  
WestLab, J. Baker – NEG: Withdrawn
  - b. NFRC 100 Garage Door Ballot  
WestLab, J. Baker – NEG: Withdrawn

**MOTION:** J. Hetzel / W. DuPont move to forward the NFRC 100 and NFRC 102 Garage Door Ballots to Technical Committee for approval and implementation upon publication. Motion passes via unanimous voice vote.

c. NFRC 100 Figures Ballot

**MOTION:** D. De Block / J. Hayden move to forward the NFRC 100 Figures Ballot to Technical Committee for approval and implementation upon publication. Motion passes unanimous voice vote.

d. NFRC 100 Product Grouping Ballot

WestLab, J. Baker – NEG:

**MOTION:** J. Baker / S. Johnson move to find this negative persuasive and return to TG to work on and resubmit at next ballot cycle. Motion Passes via unanimous voice vote.

e. Discussion of Custom Skylight Ratings - M. Thoman presented that skylights were test only products at 4x4 size. From current TI-2010-06 Custom Skylights the commercial 18 sided polygon, nearly impossible and difficult that every job should go through a test in which the product isn't like the actual unit.

i. Skylight TG to review TI-2010 on Custom Skylights in more detail and will work on custom skylights with the support of CMA Technical TG. Added volunteers to skylight TG: M. McDonald, Y. Vinograd

f. Skylight ratings at different slopes: R. LeBrun presented that NFRC, ASHRAE and IECC all have different slopes for the calculation of skylights.

i. Is NFRC going to match the IECC?

ii. Optional ratings? Should it be allowed to show values of skylights at differing slopes on a non-certified label, akin to the CMA Label Certificate's last page? It would help the designer with energy calculations.

iii. Skylight TG to convene and answer these questions.

g. B. Shah volunteered to be Vice Chair of TG.

\*\*\*\*\*

**Adjourned at 3:21pm to convene the SHG SC so the NFRC 200 Sightline Ballot can be resolved before addressing the NFRC 100 Sightline Ballot.**

**Chair re-adjourned the meeting at 4:00 pm.**

\*\*\*\*\*

h. NFRC 100 Sightline Ballot

Hurricane Test Laboratory, L. Turner - NEG:

**MOTION:** L. Turner / M. McDonald move to strike the sentence, "Differing sightlines should remain as separate individual products in the product line," and find this negative persuasive and substantive and return to TG. Motion Passes via unanimous voice vote.

NCTL-NW, M. McDonald – NEG: Handled by previous action.

Newpro Manufacturing, D. Curran – NEG:

**MOTION:** J. Hayden / B. Shah Move to find this negative non-persuasive because grouping is optional. Motion passes via unanimous voice vote.

McDonald, Schultz, Turner were volunteered to join the Sightline Tolerance TG to help work on a revised ballot for July 2011 Summer meeting.

8. The meeting was adjourned at 4:05 pm.