



## Minutes

### Technical Committee

*Block Period: Tuesday, November 17, 2009 2:00 p.m. – 5:00 p.m.  
Continued – Wednesday, November 18, 2009 7:30 a.m. – 12:30 a.m.*

*Chair: Jeff Baker, WESTLab, Inc.*

*Vice Chair: Steve Johnson, Andersen Window Corporation*

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1. S. Johnson (Vice-Chair) called the meeting to order at 12:00PM. - antitrust reminder given and reviewed voting requirements
  2. Roll call / Establish quorum. Quorum established.
  3. Jessica Ferris (Staff) appointed recording secretary
  4. Agenda reviewed and approved
  5. Minutes from July 2009 meeting in Baltimore, MD approved as presented.
  6. Reports
    - a. Canadian/American Harmonization Task Group (J. Baker, J. Hogan) – The A440.2 committee recently meet and are discussing ER and will meet again in November
    - b. Validation Testing Task Group (S. Kumar) – No new business.
    - c. Software Subcommittee (B. Crooks, J. Krahn) – Window 6/THERM 6 approval slated for April 2010; and the CMAST Implementation TG reported that W6/T6 will need to be approved for use with CMAST by January 1, 2010 in conjunction with the implementation of the CMA Program.
    - d. Attachment Subcommittee (M. Cienian, D. DeBlock) – Interior/Exterior ballots withdrawn in exchange for a straw poll to gain guidance from membership; and Awnings – research project on schedule. No action items for the Board.
    - e. Annual Energy Performance Subcommittee (T. Culp, J. Larsen) –
      - i. **MOTION:** J. Larsen / D. DeBlock move to approve the changes to the NFRC 901-2004 to the NFRC Board of Directors for approval and to be implemented upon publication as the NFRC 901-2010 and sunset the existing 2004 document. Motion passes by unanimous voice vote.
    - f. Condensation Resistance Subcommittee (K. Vilhauer, S. Harp) – No action items for the Board.
    - g. Air Leakage (M. Thoman, T. Rogers) – The NFRC 400-2010 ballot was sent back to TG.

- i. **MOTION:** M. Thoman / R. Temple to reaffirm NFRC 400-2004 as NFRC 400-2010 and to forward to the Board of Directors for approval and implementation on January 1, 2010. Motion passes by unanimous voice vote.
- h. U-factor Subcommittee (M. Thoman, M. Bhandari) -
  - i. **MOTION:** M. Thoman/R. Temple moved to forward NFRC 100 Applied Films Ballot document as approved at U-Factor SC to the Board of Directors for approval and implementation on January 1, 2010. Motion passes: 23-11-9
  - ii. **MOTION:** M. Thoman/D. DeBlock to forward NFRC 102-2010 document as balloted and approved at U-Factor SC to the Board of Directors for approval and implementation on January 1, 2010. Motion passes: 31-0
  - iii. **MOTION:** M. Thoman/D. DeBlock moved to forward the NFRC 100 DASD Ballot as approved at U-Factor SC to the Board of Directors for approval and publication into the NFRC 100-2004 and the NFRC 100-2010 documents. Implementation of 100-2010 would occur on January 1, 2010. Motion passes: 23-2-11
  - iv. **MOTION:** M. Thoman/R. Temple moved to forward the following documents as balloted and approved at U-Factor SC to the Board of Directors for approval and implementation on January 1, 2010:
    - a. NFRC 100-2010
    - b. NFRC 100 Garage-Rolling Door Ballot
    - c. NFRC 100 Validation Matrix Ballot

Motion passes by unanimous voice vote

- v. **MOTION:** M. Thoman motioned to approve the following recommended implementation plan for 2010 procedures:
  - a. Certifications of new products and recertification of existing products may use the 2004 ratings under the following conditions:
    - i. Testing and simulations shall be completed using 2004 procedures no later than December 31, 2009
    - ii. The reports for this work shall be submitted to an IA in their entirety no later than January 31, 2010
    - iii. The IA shall issue CARs through April 30, 2010
  - b. Certification of new products and recertification of existing products may use the 2010 ratings starting January 1, 2010.
  - c. Additions and revisions to existing certifications shall be performed using the procedure of the original certification.

Discussion ensued and it was determined to handle this during Ratings Committee, therefore the motion was withdrawn.

- vi. A TG was formed to address operator type sizes for Casement windows to be same for all windows.
  - i. Solar Heat Gain Subcommittee (J. Larsen, B. Shah) –
    - i. **MOTION:** B. Shah / D. DeBlock moved to reaffirm NFRC 200-2004 with approved changes as NFRC 200-2010 and forward to the BOD for approval with implementation upon publication and sunset 200-2001 at same. Motion passes by unanimous voice vote.
    - ii. **MOTION:** B. Shah / R. Temple moved to reaffirm NFRC 201-2004 with approved change as NFRC 201-2010 and forward to the NFRC BOD for approval. Motion passes by unanimous voice vote
    - iii. **MOTION:** B. Shah / K. Stoddard moved to forward the NFRC 200 Applied Films ballot to BOD for approval into the 200-2010 document with implementation upon publication. Motion passes: 19-11-7
    - iv. **MOTION:** B. Shah / D. DeBlock to forward the NFRC 200 DASD ballot to the NFRC BOD for approval into the 200-2. Motion passes by voice vote.
  - j. Component Modeling Approach Subcommittee (M. Manteghi) –
    - i. **MOTION:** G. Curtis/R. Temple moved to approve NFRC 100, Section 5.9 ballot to the NFRC BOD for approval and to be implemented upon publication with the entire NFRC 2010 documents.
    - ii. Complex Products Ballot – back to task group based on Pella negative requesting that Complex Products be shelved for one year. Work can continue and ballots can be proposed one product at a time.
7. New Business
- a. Les Condit of Entech Solar requested that a task group be formed within SHGC SC to investigate rating SHGC for TDDs. Les Condit would chair and develop scope.  
TDD SHGC TG:
    - i. Members: Peter Lyons, Willie duPont, Ross McCluney, Mike Thoman, Tyler Westerling, Dave DeBlock.
8. Meeting adjourned at 12:45 PM