



NFRC 2006 Fall Membership Meeting  
November 6-9, 2006, Arlington, VA

## Minutes

### Component Modeling Approach (CMA) - Technical Subcommittee

Wednesday, November 8, 2006

Chair: *Mike Manteghi- Traco, Inc.*

Co-Chair: *Gary Curtis-WestWall Group*

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1. July 2006 meeting (Minneapolis, MN) minutes approved.
2. Ray McGowan (Staff) appointed recording secretary
3. Agenda reviewed and approved
4. Reports
  - a. CMA Technical Program Road Mapping Task Group -- Mahabir Bhandari of Carli reported the task group's name is changed to CMA Technical TG. No other items reported.
  - b. CMA Spacer Grouping Task Group -- Jeff Baker of WESTLab reported the CMA Spacer Grouping ballot was discussed.
  - c. CMA Frame Grouping RFP Task Group -- Charlie Curcija of Carli reported that Research and Technology Committee will recommend awarding this project to Carli.
  - d. CMA Condensation Resistance RFP Task Group -- Charlie Curcija of Carli reported that the Research and Technology Committee will recommend awarding this project to Carli.
  - e. CMA Validation Test Task Group -- Michael Thoman / ATI reported the Validation testing ballot was discussed.
5. New Business
  - a. NFRC 100 – CMA Spacer Grouping ballot
    - i. **MOTION:** J. Baker / B. Shah to find the following parts of the UMASS negative persuasive. Only his language will be added in PATH II: "If the spacer system does not incorporate secondary sealant, then the spacer system height is equal to spacer bar height." Also to be added, "...smaller of the actual primary sealant thickness and ...which is....".  
Motion passes: 22-2-4.
    - ii. **MOTION:** C. Curcija / M. Thoman to find part 1 of the Edgetech negative persuasive and insert the language if the thickness of the metal is less than 10 microns it may be ignored.  
Motion fails: 10-12-0.
    - iii. **MOTION:** R. Temple / T. Rogers to find the Edgetech negative persuasive and move the ballot back to task group.  
Motion fails: 1-25-0
    - iv. **MOTION:** R. Temple / D. Raske to find the item 1 of the Edgetech negative non persuasive.  
Motion passes 21-0-5.

- v. **MOTION:** B. Shah / M. Bhandari to find part 2 of the Edgetech negative persuasive and change 3/8 inch height to 1/2 inch.  
Motion passes: 22-0-8.
  - vi. ATI withdrew negative.
  - vii. **MOTION:** M. Bhandari / M. Webb seconded to find the WinBuild negative.  
Motion Passes by voice vote.
  - viii. Azon withdrew negative.
  - ix. Pella Approve with comment accepted.
  - x. Associated Labs approved with comment withdrawn.
  - xi. BirchPoint Consulting approved with comment withdrawn.
  - xii. QTI approved with comment withdrawn.
  - xiii. **MOTION:** R. Temple / M. Webb move to find the TruSeal negative non persuasive.  
Motion passes: Unanimous voice vote.
- b. NFRC 100 – CMA Validation Testing ballot
- i. **MOTION:** T. Culp / B. Shah to find the ATI negative persuasive with the language modified as below and forward to the Technical committee and board for approval.
    - 1. 5.6.5.3. Framing components shall be tested as a whole product using an insulating glass package as selected by the manufacturer, according to NFRC 102 and according to all frame and validation grouping rules. Validation shall be determined by the equivalence criteria of section 4.7.1. of this document.  
Motion passes: Unanimous voice vote.
  - ii. UMASS withdrew negative
  - iii. QTI withdrew negative
  - iv. Carli withdrew negative
  - v. BirchPoint withdrew negative.
  - vi. Westlab withdrew negative
  - vii. Associated labs withdrew negative
  - viii. **MOTION:** M. Thoman / B. Shah to find the Seattle DPW negative non persuasive.  
Motion passes: Unanimous voice vote.
  - ix. All approved with comments are accepted.
- c. NFRC 100 – CMA Best / Worst Case Definition ballot
- i. **MOTION:** D. Wacek / C. Curcija to find the Viracon negative persuasive.  
Motion passes: Unanimous voice vote.

- ii. Westlab withdrew negative
  - iii. **MOTION:** M. Thoman / M. Webb to find the ATI negative persuasive and change high end performance limit to be 0.08.  
Motion fails: 12-13-0.
  - iv. ATI withdrew negative
  - v. **MOTION:** B. Shah / R. Temple to find part 1 and 2 of the Seattle DPW negative non persuasive and part 3 and 4 persuasive and editorial.  
Motion passes: Unanimous voice vote.
  - vi. Azon withdrew negative
  - vii. IGMA withdrew part 1 of negative and find part 2 persuasive and editorial.  
Motion passes: Unanimous voice vote
  - viii. BirchPoint withdrew approve with comment.
  - ix. Pella withdrew approve with comment.
  - x. **MOTION:** M. Bhandari / B. Shah to remove the reference to residential in the best/worst option definition.  
Motion passes: Unanimous voice vote.
- d. NFRC 200 – CMA Best / Worst Case Definition ballot
- i. ATI withdraws its negative.
  - ii. Westlab withdraws its negative.
  - iii. **MOTION:** P. Muessig / M. Turner to find the Azon negative persuasive and editorial. All language will be modified accordingly.  
Motion passes: Unanimous voice vote.
  - iv. **MOTION:** B. Shah / R. Temple to find the Seattle DPW negative non persuasive.  
Motion passes: Unanimous voice vote.
- e. **MOTION:** T. Culp / B. Shah to move all approved language from above motions to the Technical Committee for approval. Implementation will not be until the all CMA documents are complete. (Mike Turner asked that the Frame grouping is *pre-bucket*).  
Passes 24-0-0.
6. Adjourn