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**Component Modeling Approach (CMA) - Ratings Subcommittee**

Wednesday, November 8, 2006

Chair: *Mike Manteghi, TRACO*

Co-Chair: *Gary Curtis, West Wall Group*

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1. Chair called the meeting to order - antitrust reminder given and reviewed voting requirements
2. Minutes from July 2006 (Minneapolis, MN) meeting were approved as presented.
3. Scott Hanlon (Staff) appointed recording secretary
4. The agenda was reviewed and approved as presented
5. Reports
  - a. Component-Based Fenestration PCP (NFRC CB-PCP)
    - i. GANA negative, G. Carney –  
**MOTION:** T. Culp / C. Curcija moved that GANA negative is persuasive, and change “spacer system” to “spacer and sealant” throughout the document.  
Motion passes: Unanimous voice vote.
    - ii. UMASS negative, C. Curcija –  
**MOTION:** C. Curcija / S. Gore moved that in Section 1.2.3.2.a, b and Section 1.2.6.e “ACE” to NFRC Certified Simulator in regards to simulation of spacer components (above buckets).  
Motion passes: Unanimous voice vote.  
**MOTION:** C. Curcija / D. Kerli moved to find negative persuasive referencing Sections 2.2 and 2.3 replacing NFRC staff and contractor with IA.  
Motion fails: 7-10.  
**MOTION:** T. Culp/ G. Carney moved to find UMASS negative referencing “IA” replacing the role of “NFRC Staff” in Sections 2.2 and 2.3 as non-persuasive.  
Motion passes: 13-7.  
**MOTION:** C. Curcija / T. Rygg moved to find negative persuasive referencing Section 1.2.3.4.d and replace language to read that 100% of all component data (above the bucket) shall be reviewed by the IA.  
Motion passes: 18-10.
    - iii. Carli negative, M. Bhandari –  
Chair finds the entire negative persuasive and editorial.  
Motion passes: Unanimous voice vote.



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iv. AAMA, negative L. Livermore –

**MOTION:** L. Livermore / P. Muessig moved to find negative persuasive referencing Section 1.2.2.c and to change language to “Verifying that the insulating glass manufacturer has certified the IGU construction use in the rated products in a third party IG certification glass unit rating program.”

Motion passes: Unanimous voice vote.

**MOTION:** L. Livermore / T. Culp moved to find negative editorial referencing Section 2.2.1.d, 2.2.2.f, and 2.2.3.f and “may accept or” will be added prior to the word appeal.

Motion passes: Unanimous vote.

L. Livermore withdraws negative pertaining to Section 2.3.1.1.c. Larry request that this issue not be lost it is very important

L. Livermore withdraws negative due to previous Culp moved to find negative persuasive referencing Section 2.3.1.3.a, 2.3.1.3.b, and 2.3.1.3.c.

Motion passes: Unanimous voice vote.

v. ALI, negative B. Schultz –

B. Schultz withdraws 3 negatives referencing “unknown Sections-XXX” due to previous votes

**MOTION:** B. Schultz / M. Bhandari moved to find negative persuasive and requesting to remove Section 2.3.1.4 in favor of language in 2.3.1.1.c.

Motion passes: 10-14.

**MOTION:** J. Baker / R. Temple in favor of reconsidering the previous motion.

Motion passes: 17-7.

**RECONSIDERED MOTION:** B. Schultz / M. Bhandari moved to find negative persuasive and requesting to remove Section 2.3.1.4.

Motion passes: 20-7.

**MOTION:** B. Schultz / S. Gore moved to find negative persuasive in referencing Section 4.1.3.c and to remove Section 4.1.7.

Motion passes: 11-7.

**MOTION:** B. Schultz / T. Rygg moved to find negative persuasive in referencing Section 4.1.4.a, b, and 4.1.5 by modifying the % in each referenced section as:

Section 4.1.4.a: at least 10%, Section 4.1.4.b: at least 20%. Section 4.1.5:  
not to be higher than 5%.

Motion passes: 11-8

vi. KCI, negative M. Falke –

Section 1.1 found editorial. Unanimous voice vote

Section 4.1.6 found editorial. Unanimous voice vote



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**MOTION:** M. Falke / M. Thoman moved to find negative persuasive and requesting to remove Section 5.3.b.

Motion passes: 2-5.

vii. GANA, negative G. Carney –

G. Carney withdraws negatives referencing Section 1.2.2B and 1.2.3.B due to previous votes.

Chair moved to find language referencing “spacer” and “spacer system” editorial. All locations of spacer language will be reviewed and modified to appropriate language: “spacer” or “spacer system”.

Motion passes: Unanimous Voice vote

**MOTION:** G. Carney / M. Webb moved to include definitions of words in Section 1.3 in lieu of using “the meaning set forth and described in NFRC technical documents”.

Motion fails: 6-16.

**MOTION:** T. Culp / M. Bhandari moved that all definitions in the draft version of the CMA PCP be deleted and referred to Glossary TG, along with suggested revisions in ballot responses.

Motion passes: 26-0.

**MOTION:** G. Carney / T. Culp moved to delete Section 2.3.1.2 due to the fact that criteria for selection and level of physical testing have not been defined.

Motion passes: Unanimous voice vote.

**MOTION:** G. Carney / M. Webb moved that the negative persuasive referencing Section 3.1.b.iii and to delete "Detailed construction of the spacer system and identification of the glass spacer system."

Motion fails: 4-7.

viii. Simonton, negative C. Anderson –

**MOTION:** R. Temple / B. Shah find the negative non-persuasive.

Motion passes: Unanimous voice vote.

ix. Azon, negative P. Muessig –

P. Muessig withdraws negative due to previous votes.

x. IGMA, negative M. Webb –

**MOTION:** M. Thoman / R. Temple find the negative persuasive with the omitting of M. Webb #4 negative referencing to fee schedule.

Motion passes: Unanimous voice vote – 1 voice negative

xi. Pella, Approved with Comment J. Hayden –

Chair moved to find all comments persuasive and editorial.

Motion passes: Unanimous voice vote

xii. Seattle, Negative J. Hogan –



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**MOTION:** M. Thoman / R. Temple find the negative persuasive and refer John Hogan's negative to the Board for action in regards to existing program documents.

Motion passes: Unanimous voice vote.

xiii. Westlab, Negative J. Baker –

J. Baker withdrew negative

xiv. Birch Point Consulting, Negative T. Culp –

T. Culp withdrew negatives referencing Section 1.3, 2.2.1.a, 2.2.2.d, 2.2.3.d, 2.2.3.e, and 2.3.1.2 due to previous votes

Sections in the negative referencing Section 6.6.3(.2, .3, .4, .5, .6, 7) are editorial and will be moved to TG. Language in these Sections should be incorporated into existing documents where applicable.

xv. Carli, Negative M. Bhandari –

Proposed definition modifications will be forwarded along with ballots referencing definitions.

Chair moved to find Sections 2.2.2.B. and 2.2.3.B comments persuasive and editorial.

Motion passes: Unanimous voice vote

xvi. UMASS, Negative C. Curcija –

C. Curcija withdraws negative of 1<sup>st</sup> 3 general comments due to previous votes.

**MOTION:** C. Curcija / T. Rygg moved the negative persuasive referencing the general comment about spacer grouping and that any reference to spacer groupings should be referred to a technical document and the spacer may be subjected to the spacer grouping rules within the NFRC 100.

Motion passes: Unanimous Voice vote.

C. Curcija withdraws negative referencing Section 1.2.1.c.

C. Curcija withdraws negative referencing Section 1.2.1.e, 1.2.3.2.c., 1.2.3.3, 1.2.3.4, 1.2.3.4.b, 1.2.3.4.c, 1.2.3.4.d, 1.2.4.f, 2.1.2, 2.2.1, 2.2.2, 2.2.3, 2.3.1.2, 2.3.1.3, 2.3.2, 4.1.3.b, 4.1.3.c, 4.1.4.a, 4.1.4.b, 4.1.5, 5.3.a and 6.6.3.4 due to previous votes.

**MOTION:** C. Curcija / G. Carney moved to find the negative persuasive referencing to Section 1.2.2.b about gap width and to refer spacer gap width to Glossary TG and to consult with GANA & IGMA.

Motion passes: Unanimous Voice vote

Chair moved to find negative referencing Section 1.2.3.2.d editorial

Motion passes: Unanimous Voice vote

**MOTION:** C. Curcija / M. Webb moved to find the negative persuasive referencing to Section 1.2.4.d about % and to refer to TG to define percentages



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for selected portion of the whole product system ratings.

Motion passes: Unanimous Voice vote

**MOTION:** C. Curcija / M. McDonald moved to find the negative persuasive referencing to Section 1.2.4.f and to refer to TG for consideration and confer with Board for potential reference to software.

Motion passes: Unanimous Voice vote

Chairs moves to find negative referencing Section 1.2.5 editorial

Motion passes: Unanimous Voice vote

Chair moves to find negative referencing Section 2.2 editorial and to modify text to Spacer Approval.

Motion passes: Unanimous Voice vote

Chair moves to find negative referencing Section 3.1.b.iii editorial and to modify text to Spacer.

Motion passes: Unanimous Voice vote

Chair moves to find negative referencing Section 3.1.c., 4.1.3.a, 4.1.3.b, 4.1.3.b.ii, and 4.1.3.biii editorial

Motion passes: Unanimous Voice vote

C. Curcija withdraws negative referencing Section 4.1.6

**MOTION:** C. Curcija / M. Webb moved to find the negative persuasive referencing to Section 6.6.3.1 and to refer to TG for consideration.

Motion passes: Unanimous Voice vote

Section 6.6.3.4 & 6.6.3.7 – To be addressed in the Challenge Procedures, which will be a separate stand alone document of the PCP Appendices.

### 6. Unfinished Business

### 7. New Business

**MOTION:** M. Webb / G. Carney moved to recommend to the Board of Directors a creation of a joint industry and NFRC TG to determine costs range of proposed CMA program.

Motion passes: Unanimous Voice vote – 1 voice in opposition.

Chair finds that in Section 2.2.1 editorial and to modify “Default” in title to “Any”

Motion passes: Unanimous Voice vote

**MOTION:** J. Baker / M. McDonald moved that the CMA-PCP document be returned to the task group to prepare a new ballot with the following instructions:

1. Review all changes made today and prepare a red line and striked out copy.
2. Review and identify the omissions in the document and provide language to address the omissions



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3. Review the document for technical language and replace this language with references to the technical documents.

Motion passes: Unanimous Voice vote.

8. The meeting was adjourned at 6:10PM.