



# NFRC Certification Program Bulletin 2005-01

**PROGRAMS:** Product Certification Program (PCP); Laboratory Accreditation Program (LAP); Certification Agency Program (CAP)  
**DATE:** April 1, 2005  
**SUBJECT:** Certification Program and Related Issues

This edition focuses on the Product Certification Program and other related topics that were items approved by the NFRC Board of Directors during the Membership Meeting in Waikoloa Beach, HI on March 17, 2005. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference should be made to the applicable NFRC meeting minutes located on the NFRC webpage at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning the information in the *NFRC Bulletin*, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

## **Item 1: 2004 Revision of Technical Document NFRC 302 approved for implementation**

The NFRC Board of Directors approved NFRC 302-2004: Verification Program for Optical Spectral Data, and has authorized publication following document formatting and legal counsel review. Upon publication, NFRC 302-2004 shall be implemented immediately and the previous version shall be sunset.

## **Item 2: 2004 Research Manual**

The NFRC Board of Directors approved the 2004 Research Manual and has authorized publication of the manual following document formatting and legal counsel review. Upon publication, the 2004 Research Manual shall be implemented immediately and the previous version shall be sunset.

## **Item 4: 2005 Temporary Label**

The NFRC Board of Directors approved that the new label and label certificates including the ® mark and the disclaimer shall be implemented as follows upon publication of the new label format:

- Shall be used no later than April 1, 2006;
- Shall be used on all newly printed labels beginning 45 days after publication;
- Existing labels may be used until April 1, 2006;
- Shall be included on fenestration attachment labels when implemented;
- The “CM” mark may be struck out on existing labels as long as the ® mark is added.

### Clarifying language:

1. The new label format shall be used on all newly printed labels 45 days after the publication date of this Certification Program Bulletin (April 1, 2005). The new format applies to all temporary labels in Section 3.3 of the NFRC PCP (e.g., window & door labels, and site-built label certificates)
2. The disclaimer language, bolded below, is to be placed on the label below the product ratings information:
  - a. “Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. **NFRC does not recommend any**

**product and does not warrant the suitability of any product for any specific use.**  
 Consult manufacturer's literature for other product performance information.  
 www.nfrc.org"

3. The NFRC logo is now a registered mark (®) as opposed to a certified mark (CM) [see NFRC logo displayed on the first page of this bulletin].
4. These label changes shall be added as an addendum to the NFRC PCP-2005.
5. Below is a sample of the revised temporary label:

	<b>World's Best Window Co.</b> Millennium 2000+ Vinyl-Clad Wood Frame Double Glazing • Argon Fill • Low E Product Type: <b>Vertical Slider</b>	
	<b>ENERGY PERFORMANCE RATINGS</b>	
U-Factor (U.S./I-P) <b>0.35</b>	Solar Heat Gain Coefficient <b>0.32</b>	
<b>ADDITIONAL PERFORMANCE RATINGS</b>		
Visible Transmittance <b>0.51</b>	Air Leakage (U.S./I-P) <b>0.2</b>	
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.  <a href="http://www.nfrc.org">www.nfrc.org</a></small>		

### Items 5: Technical Interpretations

The NFRC Board of Directors approved the following Technical Interpretations:

- TIR 2004-28 – How to perform simulation for Heat Transfer and SHGC on 6 layer glazing;
- TIR 2005-1 – A pet door cannot be rated by NFRC;
- TIR 2005-2 – Louvers are considered an attachment and cannot be rated. The window could be rated without the louver.

These technical interpretations and supporting documents can be located on the NFRC website at the NFRC Resources/Technical Documents page.

### Items 6: Accreditation Policy Committee Membership

Elaine Hebert and Joe Hayden have been appointed by NFRC Board of Directors to the Accreditation Policy Committee (APC) as voting members. The NFRC Board also approved Marles McDonald as Test laboratories representative, and Shelia Gore as Simulation laboratories representative on the APC; Dennis Anderson and Mahabir Bhandari will participate as participating members.

### **Items 7: Regulatory Affairs and Marketing Committee Scope**

This newly merged committee's scope was approved by the NFRC Board of Directors. The scope reads as follows:

The Regulatory Affairs and Marketing Committee is responsible for:

- (1) developing and coordinating NFRC's relationship with and the use of NFRC's ratings by Federal, state, and local government, international rating organizations, code development, professional and trade organizations and other voluntary programs; and
- (2) developing and coordinating all NFRC communications, newsletter, publications, press releases, and other informational and educational materials and projects.

### **Items 8: Film Attachment Ratings:**

The NFRC Board of Directors conditionally approved the PCP language for Film Attachment ratings. The Board motioned to approve the ballot with editorial changes for film attachment product language in the NFRC PCP and to withhold publication until changes in LAP and CAP have been completed and approved by the Board. In addition, the Board motioned to approve the Film Attachment label.

### **Items 9: Certification Sub-Committee Chair:**

The Board of Directors approved Steve Strawn of Jeld-Wen as the new Certification Subcommittee Chair.

### **Items 10: Non-Residential Products Subcommittee:**

The Board of Directors approved the recommendation of the Technical committee chair to re-activate the subcommittee under the technical committee responsible for non-residential products and renamed the subcommittee "Non-Residential Products Subcommittee". The subcommittee will be co-chaired by Mike Manteghi and Gary Curtis. The co-chairs will develop a new scope for this subcommittee. A task group of the subcommittee will be addressing the outstanding issues regarding the component modeling approach for non-residential products and will begin the work of developing a specifications document for the software tools needed for the component modeling approach.

### **Item 11: Upcoming NFRC 2005 Meetings**

Test Lab Task Group Meeting: April 20-21, 2005 – Reno, Nevada.

Non-Residential Products Task Group: April 26, 2005 – Chicago, Illinois

Summer Membership Meeting 2005: July 24-28, 2005- Quebec City, Que. (Canada)

Fall Membership Meeting 2005: November 29- December 3, 2005 – Albuquerque (or Santa Fe), NM



## NFRC Certification Program Bulletin 2005-02

**PROGRAMS:** Product Certification Program (PCP); Laboratory Accreditation Program (LAP); Certification Agency Program (CAP)  
**DATE:** August 12, 2005  
**SUBJECT:** Certification Program and Related Issues

This edition focuses on the Product Certification Program and other related topics that were items approved by the NFRC Board of Directors during the Membership Meeting in Quebec City, Canada on July 28, 2005. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference should be made to the applicable NFRC meeting minutes located on the NFRC webpage at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning the information in the *NFRC Bulletin*, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

### **Item 1: New Board Member**

The NFRC Board of Directors appointed Harry Misuriello from the Alliance to Save Energy to the Board; he is replacing Kate Offringa.

### **Item 2: Document Revision Cycle Lengthened**

The Board of Directors moved that NFRC will follow a mandatory 5-year document revision cycle; however, the board reserves the right to make changes at anytime.

This cycle is applicable to technical documents only; program documents are not included in this revision cycle.

### **Item 3: Technical Interpretations**

The NFRC Board of Directors approved the following Technical Interpretations:

- TIR 2005-03 - The NFRC approved default frame used for slab doors shall also be permitted to be used for slab sidelites.
- TIR 2005-08 - Boundary condition applied to 1" by 4" nominal fir trim on non-removable nail on fin shall be NFRC 100-2001 Exterior and the Tag = none.
- TIR 2005-11 – A fenestration product with additional attached profiles is to be treated as a separate product line.

These technical interpretations and supporting documents can be located on the NFRC website at the NFRC Resources/Technical Documents page.

### **Item 4: Non-English Certification Labels**

The NFRC Board of Directors approved changes to Appendix B of the PCP that allow for the use of authorized non-English NFRC temporary certification labels.

The translations balloted and currently authorized for use by NFRC are Spanish and French. Translations to other languages shall be permitted to be authorized if and when they are proposed to NFRC.

Implementation schedule for using non-English labels is as follows:

- The new provisions are permitted to be used immediately.
- The new provisions become mandatory for any newly printed non-English labels on or after October 1, 2005.
- The new provisions become mandatory for all non-English labels on July 1, 2006.

This addendum to the NFRC PCP will be published (posted to the NFRC website) within 30 days of the date of this bulletin.

### **Items 5: PCP Interpretations**

The following PCP Interpretations were approved:

PCPI 2005-03 –1997 and 2001 simulation and test reports can be reissued to fabricators if they meet the following conditions:

For 1997 product lines: Product lines already previously certified. Certification for these re-issued products expires on the same date as the original certified product (4 years from the test date.)

For 2001 product lines: Product lines with valid 2001 reports (i.e., reports issued before April 1, 2005). Certification for these re-issued products expires on the same date as the original certified product (4 years from the test date.)

PCPI 2005-04 – It is required that a zero be placed in the ones column of a performance rating on the NFRC Temporary Label if the rating is less than 1.

These certification program interpretations can be located on the NFRC website at the NFRC Resources/Program Documents page.

### **Items 6: New Subcommittee Formed**

The Software Subcommittee was formed and will be chaired by Brad Snoddy of ALI, Inc. This subcommittee will report to the Technical Committee.

### **Items 7: Harmonization Initiative**

The NFRC Board of Directors will pursue harmonization efforts with Canada by seeking to establish a uniform energy performance rating standard between the NFRC and the Canadian Standards Association (CSA). The board established an International Committee, to be chaired by Jim Larson of Cardinal Glass, to evaluate the issues related to harmonization and their potential impact on NFRC, and to make recommendations to the Board.

### **Items 8: New Chair to Condensation Resistance Subcommittee**

Jeff Franson of Mikron Industries was appointed by Technical Committee Chair, Jeff Baker, to Chair the Condensation Resistance Subcommittee.

**Items 9: NFRC 100 and 200 Addendum regarding Decorative Glass Approved**

The Board of Directors moved to approve addenda to the NFRC 100 and 200 that addresses U-factor and SHGC simulation procedures for Decorative Glass. These addenda will be published (posted to the NFRC website) within 30 days of the date of this bulletin.

**Items 10: New Member to Certification Policy Committee**

The Board of Directors approved Brad Schultz of Associate Laboratories, Inc. to replace John Smith of Associate Laboratories, Inc. on the NFRC Certification Policy Committee (CPC).

**Item 11: Upcoming NFRC 2005 Meetings**

IA Workshop: September 20-21, 2005 – Chicago, Illinois

Non-Residential Products Task Group: October 5, 2005 – Atlanta, Georgia

Fall Membership Meeting 2005: November 29- December 3, 2005 – Santa Fe, New Mexico



## NFRC Certification Program Bulletin 2005-03

**PROGRAMS:** Product Certification Program (PCP); Laboratory Accreditation Program (LAP); Certification Agency Program (CAP)

**DATE:** December 20, 2005

**SUBJECT:** Certification Program and Related Issues

This edition focuses on the Product Certification Program and other related topics that were items approved by the NFRC Board of Directors during the Membership Meeting in Santa Fe, New Mexico on December 2-3, 2005. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference should be made to the applicable NFRC meeting minutes under the applicable committee pages located on the NFRC webpage at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning the information in the *NFRC Bulletin*, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

### **Item 1: Board Election Results**

The following members were elected to the NFRC Board of Directors filling specific member categories:

- Chuck Anderson, Simonton Windows – Fenestration Industry/Residential Category
- Elaine Hebert, California Energy Commission – General Interest/Code & Regulatory Category
- Harry Misuriello, Alliance to Save Energy – General Interest/Energy Efficiency Organization
- Michael Thoman, Architectural Testing Inc. – Laboratory Category
- Gary Curtis, The WestWall Group – General Interest (Non-Fenestration) Category
- Marcia Falke, Keystone Certifications, Inc. – Fenestration Category – General

### **Item 2: Status of 2005 Program Document revisions**

- Revisions to the Product Certification Program (PCP) document for 2006 were not approved by the Ratings Committee and will be re-balloted for the March 2006 Spring Membership Meeting. Exception: Dynamic Glazing Products language and temporary label was approved by the Board and is pending publication at this time.
- The Certification Agency Program (CAP) document was approved as revised by the Board of Directors for 2006 incorporating plant inspection requirements for attachment products and reinstating plant inspection requirements for checking glass gap. These revisions will be published in January 2006 to the NFRC website.
- The Laboratory Agency Program (LAP) document revisions for 2006 are anticipated to be approved by the Board in January 2006, incorporating language regarding attachment products.

### **Item 3: Technical Documents**

The Board of Directors approved revisions to the following NFRC Technical Documents:

- NFRC 102-2004 – Proposed Radiation Shield provision and Surround Panel language
- NFRC 100-2004 – Dynamic Glazing Products language
- NFRC 200-2004 – Dynamic Glazing Products language
- NFRC 201-2004 - Dynamic Glazing Products language

These document revisions shall be implemented upon publication to the NFRC website.

### **Item 4: Technical Interpretations**

The Board of Directors approved the following five technical interpretations recommended by the Technical Interpretations Policy Committee:

- TI-2005-06
- TI-2005-07
- TI-2005-09
- TI-2005-12
- TI-2005-13

These interpretations were published in November 2005 and can be found on the NFRC website at <http://nfrc.thecornerstonepros.com/documents/2001-4TechnicalInterpretations111505.pdf>

### **Items 5: Revised Scope to Long Term Energy Performance (LTEP) Subcommittee**

The Board approved the following scope revision for the LTEP Subcommittee:

- Identify the key variables that impact fenestration energy performance over time
- Identify the range of impact that these variables have on NFRC ratings
- Direct the Regulatory Affairs and Marketing Committee to communicate these variables and range of impacts to consumers
- Investigate IG certification as a potential component of NFRC thermal performance certification
- The LTEP SC shall make recommendations to the Research & Technology Committee.

### **Item 6: Vice-Chair Appointments**

Vice-Chair Appointments made for NFRC Committees and Subcommittees were as follows:

- Accreditation Policy Committee – Werner Lichtenberger, TruSeal Technologies, Inc.
- Labeling Subcommittee – Darrell Smith, International Window Film Association
- LTEP Subcommittee - Bill Gorman, Milgard Manufacturing, Inc.
- Optical Properties Subcommittee – Christian Kohler, Lawrence Berkeley National Laboratory
- Research Subcommittee – Rich Biscoe, Architectural Testing, Inc.
- Technical Committee – Steve Johnson, Andersen Corporation
- Thermo-Physical Properties Subcommittee – Position remains open
- U-factor Subcommittee – Mahabir Bhandari, CARLI, Inc.

**Items 7: Upcoming NERC 2006 Meetings**

Spring 2006 Membership Meeting: March 5-9, 2006 – San Diego, California

Summer 2006 Membership Meeting: July 23-27, 2006 – Minneapolis, Minnesota

Fall 2006 Membership Meeting: November 5-9, 2006 – Arlington, Virginia



# NFRC Certification Program Bulletin 2006-01

**PROGRAMS:** Product Certification Program (PCP); Laboratory Accreditation Program (LAP); Certification Agency Program (CAP)  
**DATE:** March 31, 2006  
**SUBJECT:** Certification Program and Related Issues

This edition focuses on the Product Certification Program and other related topics that were items approved by the NFRC Board of Directors during the Membership Meeting in San Diego, California on March 9, 2006. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference should be made to the applicable NFRC meeting minutes under the applicable committee pages located on the NFRC webpage at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning the information in the *NFRC Bulletin*, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

## **Item 1: NFRC PCP-2006 Revisions Approved**

The NFRC Board of Directors approved revisions to the PCP manual as modified by the PCP task group and Dynamic Glazing task group. The revised PCP shall be implemented upon publication to the NFRC website early April 2006. NFRC will also be mailing out hard copies of the NFRC PCP-2006 to all program participants at this time.

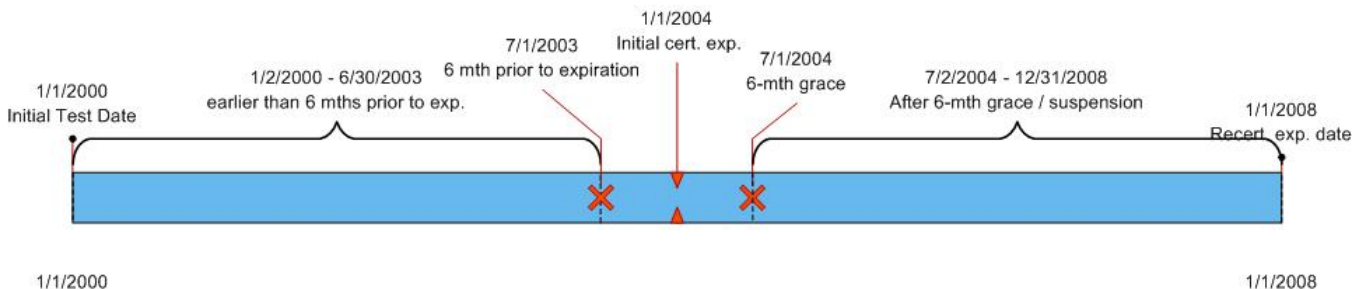
Utilization of approved dynamic glazing rating and labeling provisions incorporated in the PCP-2006 become mandatory at the latter of January 1, 2008 or 12 months after implementation. NFRC staff will develop an educational fact sheet on dynamic glazing products prior to implementation.

Summary of important revisions:

- a. Certification expiration and recertification timelines (PCP-2006, Section 5.6.) - A clarification of these timelines with an added new requirement. The new requirement is in relation to the six-month grace period that has until this time been given automatically to participants. Now participants will be required to request the six-month extension in writing to the IA before product certification expiration. An extension shall only be granted in cases where testing and/or simulation has begun before expiration but cannot be completed by the expiration date.

**Please note:** Program participants whose certified products will be within the six-month certification grace period when the PCP-2006 is published are waived from having to request a six-month extension from their IA.

### **Certification Timelines**



In the timeline example above,

- If recertification occurs earlier than 6 months prior to initial certification expiration, then recertification expiration is 4 years from the recertification test date (from re-simulation report date for products that do not require validation testing);
  - If recertification occurs 6 months prior to initial certification expiration, then recertification expiration is 4 years from the initial certification expiration date (1/1/2008);
  - If recertification occurs within the 6-month grace period, the recertification expiration is 4 years from the initial certification expiration date (1/1/2008);
  - If recertification occurs any time after the 6-month grace period, the product line's certification is suspended until recertification can be completed and the recertification expiration is 4 years from the recertification test date (from re-simulation report date for products that do not require validation testing);
- b. NFRC License Agreement categories and Schedules (PCP-2006, Section 3) – New language; an explanation of these participant categories and their associated schedules.
- License agreement schedules must be updated by participants within thirty days of any addition or deletion to a product line or manufacturing location in order to maintain certification authorization (PCP-2006, Section 8.3.1).
- c. Attachment Product certification requirements and sample label & label certificate (Sample label-PCP-2006, Appendix B; Sample label certificate PCP-2006, Appendix C) – New language.
- d. Dynamic Glazing Product certification requirements and sample label (Sample label-PCP-2006, Appendix B) – New language.
- e. Plant Qualification Testing (PCP-2006, Section 4.3.3) – A clarification of this requirement.
- f. NFRC Certified Products Database and Directory (PCP-2006, Section 7) – New language.
- g. IA transfers and product line transfer protocol (PCP-2006, Section 8.6) – New language.

## **Item 2: Technical Documents**

The Board of Directors approved revisions to the following NFRC Technical Document:

- NFRC 100-2004 – Sidelite ratings language

This document revision shall be implemented upon publication to the NFRC website.

## **Item 3: Technical Interpretations**

Two technical interpretations were approved by the Technical Interpretations Policy Committee; however, there is a request to rescind the 2006-02 interpretation:

TI-2006-01: Translucent pane SHGC and VT

TI-2006-02: Multiple sidelite frames

These interpretations were published subsequent to the November 2005 Santa Fe meeting and can be found on the NFRC website at <http://www.nfrc.org/documents/2001-4TechnicalInterpretations011906.pdf>.

#### **Items 4: Chair Appointments**

Chair Appointments made for NFRC Committees and Subcommittees were as follows:

- Certification Subcommittee – Joe Jonely, Amsco Windows

#### **Item 5: Vice-Chair Appointments**

Vice-Chair Appointments made for NFRC Committees and Subcommittees were as follows:

- Annual Energy Performance Subcommittee – Jim Larsen, Cardinal Glass Industries, Inc.
- Non-Residential Products Subcommittee (Technical) – Gary Curtis, The West Wall Group, LLC
- Thermo-Physical Properties Subcommittee – Patrick Muessig, Azon USA, Inc.
- Certification Subcommittee – John McFee, Window and Door Manufacturers Assoc. (WDMA)

#### **Item 6: Certification Policy Committee**

A labeling forum will be conducted at the Summer 2006 Membership Meeting to discuss labeling issues. This will be an educational forum on the labeling process.

#### **Item 7: Regulatory Affairs and Marketing Committee**

Staff reported on Compliance and Monitoring Program (CAMP)) activities noting several participant and non participant labeling and certification errors.

It was also reported that the IRS has provided a “special rule” (on page 7 of the IRS Notice 2006-26) for claiming the residential tax credits with **Energy Star** windows. Additional information can be found on the Energy Star web site at [http://www.energystar.gov/index.cfm?c=products.pr\\_tax\\_credits](http://www.energystar.gov/index.cfm?c=products.pr_tax_credits)

Additional information on the new IRS tax credit “Guidance Notices” for existing homes, new homes and new manufactured housing can be found on the TIAP web site at [www.energytaxincentives.org](http://www.energytaxincentives.org) and at the Alliance to Save Energy web site at [www.ase.org](http://www.ase.org).

#### **Items 8: Upcoming NFRC 2006 Meetings**

Simulation Training Workshop: June 13-16, 2006 – Silver Spring, Maryland  
Simulation, Test, and IA Workshop: July 21-22, 2006 – Minneapolis, Minnesota  
Summer 2006 Membership Meeting: July 23-27, 2006 – Minneapolis, Minnesota  
Fall 2006 Membership Meeting: November 5-9, 2006 – Arlington, Virginia



## NFRC Certification Program Bulletin 2006-02

**PROGRAMS:** Product Certification Program (PCP); Laboratory Accreditation Program (LAP); Certification Agency Program (CAP)

**DATE:** August 14, 2006

**SUBJECT:** Certification Program and Related Issues

This edition focuses on the Product Certification Program and other related topics that were items approved by the NFRC Board of Directors during the Membership Meeting in Minneapolis, MN on July 27, 2006. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference should be made to the applicable NFRC meeting minutes under the applicable committee pages located on the NFRC webpage at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning the information in the *NFRC Bulletin*, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

### **Item 1: Optics Software Approved**

The NFRC Board of Directors approved *Optics* to be added to the list of approved NFRC software and is to be implemented upon completion of training of Simulators and Certification and Inspection Agencies (IAs). In addition, the Board approved the document entitled “Creating a Laminate in Optics for NFRC.”

### **Item 2: Long Term Energy Performance Subcommittee**

The NFRC Board of Directors approved the recommendation that the issue of requiring IG certification as a prerequisite for NFRC whole product certification be referred to the Ratings Committee and that a method of incorporating IG certification into the program be developed.

### **Item 3: RFPs Approved**

The Board of Directors approved the following Requests for Proposal:

- Condensation Resistance Rating for CMA
- Frame Grouping Rules for CMA
- VT Test Procedures for Complex Products

### **Item 4: Technical Documents**

The Board of Directors approved revisions to the following NFRC Technical Documents:

- NFRC 100 – Between the Glass Shading Systems language
- NFRC 200 – Between the Glass Shading Systems language
- NFRC 101 – General Revisions

These document revisions shall be implemented upon publication to the NFRC website.

### **Item 5: Technical Interpretations**

It was reported that there were several technical interpretations that had been approved by the Technical Interpretations Policy Committee since the Spring Membership Meeting:

- TI-2006-03: Non-circular diffuser surface areas of TDDs
- TI-2006-04: SHGC and VT ratings for unspecified glazing units for site-built products
- TI-2006-05: Spacer/component substitutions in simulation
- TI-2006-06: Grouping test-only COG options for between the glass shading systems
- TI-2006-07: COG Values for frame, spacer, and divider grouping
- TI-2006-08: Retractable between the glass shading systems
- TI-2006-09: Skylight with interior diffuser

These interpretations were published subsequent to the March 2006 San Diego meeting and can be found on the NFRC website at <http://www.nfrc.org/documents/2001-4TechnicalInterpretations011906.pdf>.

### **Items 6: Software Approval Guidelines**

The Board of Directors approved the Software Approval Guidelines as recommended by the Software Subcommittee.

### **Item 7: Certification/Labeling Subcommittees**

A task group was formed to look at developing provisions in the PCP that would accommodate the private labeler/reseller as a responsible party in the Certification Program. This task group will be chaired by Marcia Falke of Keystone Certifications, Inc.

### **Item 8: CMA Subcommittee-Ratings**

The CMA Subcommittee-Ratings reported that the subcommittee intends to re-work the CB-PCP and re-ballot the document for the Fall 2006 Membership Meeting.

### **Item 9: Accreditation Policy Committee**

Bipin Shah of WinBuild, Inc. was appointed to the Accreditation Policy Committee as a voting member of this committee.

### **Item 10: Upcoming NFRC 2006/2007 Meetings**

Fall 2006 Membership Meeting: November 5-9, 2006 – Arlington, Virginia  
Spring 2007 Membership Meeting: March 5-8, 2007 – Austin, Texas  
Summer 2007 Membership Meeting: July 23-26, 2007 – Denver, Colorado



## NFRC Bulletin 2006-03

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**DATE:** December 8, 2006  
**SUBJECT:** Items from the Fall 2006 NFRC Membership Meeting

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This bulletin discusses items reported to and approved by the NFRC Board of Directors during the Membership Meeting in Arlington, Virginia on November 9, 2006. This *NFRC Bulletin* is provided for general information purposes only. For additional information on these items, reference the applicable NFRC meeting minutes under the applicable committee/subcommittee/task group pages at [www.nfrc.org](http://www.nfrc.org). If you have any questions concerning this information, please contact NFRC staff at 301-589-1776; fax: 301-589-3884; email: [info@nfrc.org](mailto:info@nfrc.org).

### **Item 1: Board Election Results**

The following members were elected to the NFRC Board of Directors filling specific member categories:

- Kerry Haglund, Center for Sustainable Building Research, University of MN – General Interest
- Jeff Harris, Alliance to Save Energy - General Interest/Energy Efficiency Organization
- Joe Hayden, Pella Corporation – Fenestration Industry (general)
- Mike Manteghi, TRACO – Fenestration Industry (non-residential)
- Michael Thoman, Architectural Testing, Inc. – Laboratory

### **Item 2: Optical Properties Subcommittee**

- *Creating a Laminate in Optics for NFRC* is expected to be implemented by mid-January of 2007, upon the completion of simulator and IA training. It will be published as a stand alone document that may be integrated into the Simulation Manual in the future.
- In addition, the Laminates and Films in Optics Implementation task group was formed to implement procedures for using OPTICS with applied films and laminates. Lisa Winckler of AIMCAL will serve as chair of this task group.
- It was reported that Lawrence Berkeley National Laboratories has nearly completed the 2006 Optical Property Interlaboratory Comparison and expects to make a full report at the Spring 2007 Membership meeting.
- It was also reported that NFRC Staff recently submitted ASTM E903 to ASTM for reinstatement and ballot since this standard is the primary reference for NFRC 300 – *Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems*.

### **Item 3: Long Term Energy Performance (LTEP) Subcommittee**

The NFRC Board of Directors approved the recommendation that the LTEP Subcommittee be suspended until additional issues requiring the subcommittee's attention are identified.

### **Item 4: RFP Updates**

The Board of Directors awarded the following Requests for Proposal:

- *Condensation Resistance Rating for CMA* – awarded to Carli, Inc.

- *Frame Grouping Rules for CMA* – awarded to Carli, Inc.
- *Revision of Standard Spectral Weighting Function for Calculation of Solar Optical Properties and Solar Heat Gain* –awarded to Solar Consulting and Sunergy Consulting

In addition, a summary page for the *Non Standard Product for the CMA Method Research* was approved for RFP development.

**Item 5: Research Subcommittee:**

Bipin Shah of WinBuild, Inc. shall serve as Vice-Chair of the Research Subcommittee

**Item 6: NFRC Glossary and Terminology Document Approved**

The Board of Directors approved the “NFRC Glossary and Terminology” document, and will implement upon publication. Any glossary definitions duplicated in NFRC technical and procedural documents shall be removed and the Glossary will become the primary reference.

**Item 7: Accreditation Policy Committee**

Dave Kehrli of *ETC Laboratories, Inc.* was approved by the Board of Directors to be the Lab Representative for the Accreditation Policy Committee.

**Item 8: Component Modeling Approach (CMA) Subcommittee (Technical)**

The Board of Directors approved the technical documents for CMA. The documents, however, will not be implemented until all other related CMA program documents are complete.

**Item 9: NFRC PCP-2007 Revisions Approved**

The NFRC Board of Directors approved revisions to the *NFRC PCP: Product Certification Program* for 2007. The revised PCP shall be implemented upon publication to the NFRC website early January 2007.

In addition, provisions to the PCP allowing “Private Labelers” to participate in the Certification Program as responsible parties or licensees were approved. These provisions will be implemented upon publication in the PCP.

**Item 10: CMA Subcommittee-Ratings**

The CMA Subcommittee-Ratings reported that the subcommittee will further revise the CMA-PCP and re-ballot the document for the March 2007 Membership Meeting.

**Item 11: NFRC CAP-2007**

The Board of Directors approved the re-affirmation of the *NFRC CAP: Certification Agency Program* as amended in 2006 for 2007.

**Item 12: Upcoming NFRC 2007 Meetings**

Spring 2007 Membership Meeting: March 5-8, 2007 – Austin, Texas  
 Summer 2007 Membership Meeting: July 23-26, 2007 – Denver, Colorado  
 Fall 2007 Membership Meeting: November 5-8, 2007 – Nashville, Tennessee