NFRC Calculation Entity Approval Program (CEAP) Workshop

December 11, 2012
SCOPE OF WORKSHOP

Workshop is held so ACE’s are in compliance with the NFRC 708 4.3.2.2 A

• Changes to the NFRC documents
• Additional Supportive CMA Information
• Periodic Review
• Software Changes
Changes to the NFRC Documents

Changes to the NFRC Documents

- NFRC 705-2013 E0A0 CMA PCP
- NFRC 704-2013 E0A0 Fee Schedule
Changes to the NFRC Documents

NFRC 705-2013 E0A0 CMA PCP

– Section 3.1 (SA to provide DTA when required)
– Section 4.2 (label certificate cover page)
– Section 5.1 (SA to select IA)
– Section 5.2 (SA provide docs for DTA when available)
– Appendix C (Inclusion of LC changes)
– Appendix C3 E (label certificate cover page)
– Appendix C4 (Supplemental/Option Info on LC)
Changes to the NFRC Documents

NFRC 704-2013 E0A0 Fee Schedule

- **Section 5 – CMA PCP Fees**
  - Frame Components
    - Annual Per Component Fee Non-Member max went from $20,000 to $27,500

- **Section 6 – CEAP Fees**
  - Annual Participation Fee NFRC Accredited Laboratory (includes unlimited use of CMAST for each additional location)
    - This fee of $500/$1000 (member/non-member) was removed.
Additional Supportive CMA Information

• Modified CMA Informational Packet going to all new users, which will include information regarding Specifying Authority
• Code enforcement
• CMA on large residential projects
• Site Built vs. CMA
• Glazing Width Tolerance
• Maximum Gas Concentrations
• What products can CMA do?
• ICEC
• Issue Reporting Procedure
As a result of the Portland Membership Meeting, the CMA Informational Packet will be modified to include information regarding the Specifying Authority. This also will include the CMA Specifying Authority form.
CODE ENFORCEMENT

• Bid report vs. label certificate
  – Bid report not allowed for final code review
  – Some jurisdictions requiring label certificates prior to final inspection of buildings

• 2013 Title 24 making specific reference to CMA program

• Reminder: NFRC 100 and NFRC 200 references in all commercial energy codes mean CMA ratings comply
CMA ON LARGE RESIDENTIAL PROJECTS

- CMA cannot be used for residential
  - NFRC 705, section 1.2.2.1 restricts CMA to commercial work
- NFRC 700, section 6, allows residential labeling at site of final assembly
  - May help on large residential projects
SITE BUILT VS CMA

- Some interest in site built remains
  - Comments?
GLAZING WIDTH TOLERANCE

- frame component panel shows tolerance

IG width may range from 0.803” to 1.197”
**MAXIMUM GAS CONCENTRATIONS**

NFRC 100, Section 4.5.2:

- Evacuated Chamber Filling: 97% for any gas type
- Two-Probe filling with concentration sensor: 95% for Argon, 90% for any other
- Single-Probe Timed Filling: 90% for any gas type
WHAT PRODUCTS CAN CMA DO?

• NFRC 100, section 5.9.2 being updated by CMA Technical TG
**INTERCALCULATION ENTITY COMPARISON (ICEC)**

- Beginning in 2013 all ACE’s will participate in Intercalculation Entity Comparison
  - First occurrence
  - NFRC 708, section 4.3.5
  - Fees: $100/$200; member/nonmember
To report issues with CMA or CMAST, you must go to the website and fill out a “Request for Support” document. Once you’ve done this, you can send to cmasupport@nfrc.org. Many times, screen shots are simply sent to Jen Padgett with no real information and it becomes hard to track and troubleshoot.
PERIODIC REVIEW

• NFRC 708, Section 4.3.4:
  • Not less than once in two years following approval, but more often if deemed necessary by the APC, NFRC shall conduct a technical evaluation assessment (“Periodic Review”) of each ACE.
  • Only ACE organizations
  • Stacy Germann will make contact
SOFTWARE CHANGES

• CMAST Accomplishments
  – Speed calculation issues were addressed in February 2012
  – Sync Time improvements were made in May 2012
  – Installer Updates
  – Client was updated for Window 62/Therm 45 and multiple IGDB updates
  – Removal of Notifications & Accounting
THANKS FOR YOUR TIME

Any Questions

National Fenestration Rating Council