LAP/CAP Review

- NFRC 701 / 701.08 / 701.09
- Part Drawings
- WINDOW 7.7 / THERM 7.7 Update
- Product Codes
- NFRC 101
- Simulators TG
NFRC 701, 701.08, 701.09

Updates

- Language added to allow independent third party observers of the NFRC inspector during on-site inspection (new accredit or reaccredit) per ANSI requirements
- NFRC will contact the lab prior to the visit to confirm the observer
NFRC 701.08 & 701.09 Updates

• Language added for initial laboratory accreditation requirement
  - Simulation - Product Certification Submittal
  - Testing - Test Report
Part Drawings

• NFRC 701.04 - Appendix B (Fabrication)
  – The overall dimensions (width and height) of the sample profile should be checked to the physical dimensions stated on the profile drawings. \textbf{In addition, other dimensions deemed critical should also be checked.} Dimensional tolerances stated on the drawings should be used to indicate compliance
Part Drawings
WINDOW 7.7 and THERM 7.7

Reminder

• The currently approved versions for NFRC computer simulation are:
  - NFRC residential and site-built
    WINDOW 7.4.14 / THERM 7.4.4
  - CMAST
    WINDOW 6.3.74 / THERM 6.3.46

• Testing of the 7.7 versions is completed and software updates are being performed to address findings.
Product Codes

- **Frame and Sash Code**
  - Operable and Fixed Sash
  - Glass glazed into the frame

- **Fixed Casement**

- **Vertical Slider - Single Hung**
Product Codes
NFRC 101

- New material property data and sources have been verified
- Implementation projected for 2021
Simulators TG

• Simulation Manual work to address:
  - Frameless Systems
  - Sealing models per physical test
    • Installation perimeter seal
    • Air leakage paths
  - Air cavity breaks per 5mm rule
  - Slightly ventilated cavities
  - Fiberglass pressure plate - bolt modeling
  - Semi-continuous clips/parts