NFRC 2010 Spring Membership Meeting, April 12-15, 2010, New Orleans, LA
Door Task Group: Monday, April 12, 2010; 10:30 a.m. – 11:30 a.m.

Chair: Steve Jasperson, Therma-Tru
Vice-Chair: Dave De Block, ODL, Inc. chaired this meeting

1. Call to Order – performed by acting chair, Dave De Block, including applicable instructions and commentary for items a, b, and c below
   a. Welcome to All Attendees ….Cell phones & laptops to Silent Mode
   b. Antitrust reminder
   c. NFRC Meeting Guidelines
2. Ray Dill volunteered to be Recording Secretary
3. Review and approve agenda – Dave De Block requested and received verbal approval
4. Unfinished Business
   a. Simulation Standardization – NFRC Benchmark Spreadsheet
      - Progress report by NFRC's Dennis Anderson
        - Baseline - opaque door with six panels
          - Full lite, ¾ lite, ½ lite, ¼ lite – can define actual size for each
          - Lite "size" is the Daylight Opening
            - Lite width = GW-Bite (glass width – frame overhang onto glass)
            - Lite height = GH-Bite (glass height – frame overhang onto glass)
          - Simulators need to realize the difference between glass size and DLO size, using DLO size. NFRC documents list glass size.
          - U-Factors to six decimal places to be used during calculations.
          - Head, hinge jamb, lock jamb, and sill variations can be inserted
        - Expectations
          - 0.01% accuracy being seen, with six place decimal U-Factor values being used
          - One baseline sheet included in report to ensure the simulation labs' methods are accurate with 0.01%
      - Discussion
        - Handling head sections in various doors, i.e., differences in wood and FG/STL door
        - Different spread sheet for divided lites (internal or external)
        - 0 and 1 data for doors is extensive, for windows it is only one version
        - Simulators involved – WestLab, NCTL, Stork, Enermodal, QTI, ATI (in abstentia)
      - Next steps
        - Two spreadsheets recommended and accepted.
          - One spreadsheet for wood; one for steel/fiberglass
          - Two spreadsheets' calculations are exactly alike, only difference is to be picture to clarify door construction differences between wood doors, and steel or fiberglass doors
          - Dennis Anderson to complete
        - Jeff Baker recommended Dennis Anderson circulate the "two spreadsheet" version to each simulation lab to validate against its own tool
          - Jeff Baker and Dennis Anderson to formulate language for document/instructions to be sent with "two spreadsheet" version to the simulation labs
          - Simulation labs, on a voluntary basis, will be requested to provide results to the Door Task Group, comparing its simulation method to the baseline method. 0.01% accuracy expected.
        - Product Certification Program (PCP) language and definitions need work; doors are hung by prehangers with a variety of component use.
          - Definitions and the PCP language for Exterior Door Systems
          - Task Group recommended applicable representatives define language for clarification to pre-hangers, i.e., including ODL, Jeld-Wen's Steve Frey, Therma-Tru's Steve Jasperson, Masonite's Steve Schreiber, and Novatech's (find this person)
            - Determine if language in NFRC 701 needs changed to ensure "compliance"
5. New Business
   a. Loose doors – Jeff Baker
      - Sash pack door ratings – if Energy Star did not approve this, the point is probably moot
6. Adjourn – by acting chairman Dave DeBlock at 11:40am