Door Task Group

Tuesday, March 28, 2017

NFRC 2017 Spring Committee Week
DDR vs SDR

DDR Rating Method

- Swinging Door
- NFRC Rating

SDR Rating Method

- Doorslab
- Doorglass
- NFRC Rating
DDR vs SDR Rating Method

**DDR Rating Method**

- **Swinging Door**
  - Simulation
  - Physical Test
    - IA Approval
      - CPD Listing

**SDR Rating Method**

- **Doorslab**
  - Simulation
    - Physical Test?
      - IA Approval
        - NFRC Publication (ID)
          - Simulation of components?

- **Doorglass**
  - Simulation
    - IA Approval
      - NFRC Publication (ID)
        - Physical Test?
DDR vs SDR Certification Method

**DDR Certification**
- Door Slab Manufacturer
  - Obtain Sim & Test Report
  - Obtains Certification Authorization
  - Applies permanent labels
- Pre-Hanger (Fabricator)
  - Reissues Sim & Test Report
- Plant (Pre-Hanger)
  - Applies temporary and permanent labels
- Pre-Hanger (Private Labeler)
  - Applies temporary and permanent labels

**SDR Certification**
- Door Slab Manufacturer
  - Obtain EDGA Sim & Test Report
  - Obtains Product Approval
- Door Glass Manufacturer
  - Obtain EDGA Sim & Test Report
  - Obtains Product Approval
- Door Slab/Glass Supplier
  - Obtains Whole Product Sim Report
  - Obtains Certification Authorization
  - Applies permanent labels
- Pre-Hanger (Fabricator)
  - Applies temporary and permanent labels
- Pre-Hanger (Private Labeler)
  - Obtains Certification Authorization
  - Applies temporary and permanent labels
- Plant (Pre-Hanger)
  - Applies temporary and permanent labels
 DDR Certification

Door Slab Manufacturer

- Obtain Sim & Test Report
- Obtains Certification Authorization
- Applies permanent labels

Pre-Hanger (Fabricator)
- Reissued Sim & Test Report
- Obtains Certification Authorization
- Applies temporary and permanent labels

Plant (Pre-Hanger)
- Applies temporary and permanent labels

Pre-Hanger (Private Labeler)
- Obtains Certification Authorization
- Applies temporary and permanent labels
## SDR – Next Steps

### Doorslab Product Approval
- Simulation Method: NFRC 100 (Complete)
- Simulation Reporting: NFRC 701.03 (Incomplete)
- Physical Test: NFRC 102 (Incomplete)
- Physical Test Reporting: NFRC 701.04 (Incomplete)
- IA Review: NFRC 702 (Incomplete)
- PCP Requirements: NFRC 700 (Incomplete)
- IA Inspection Requirements: NFRC 702 (Incomplete)

### Doorglass Product Approval
- Simulation Method: NFRC 100 (Complete)
- Simulation Reporting: NFRC 701.03 (Incomplete)
- Physical Test: NFRC 102 (Incomplete)
- Physical Test Reporting: NFRC 701.04 (Incomplete)
- IA Review: NFRC 702 (Incomplete)
- PCP Requirements: NFRC 700 (Incomplete)
- IA Inspection Requirements: NFRC 702 (Incomplete)

### Whole Product Rating
- Simulation Method: NFRC 100 (Complete)
- Simulation Reporting: NFRC 701.03 (Existing)
- Physical Test: NFRC 102 (Existing)
- Physical Test Reporting: NFRC 701.04 (Existing)
- IA Review: NFRC 702 (Existing)
- PCP Requirements: NFRC 700 (Incomplete)
- IA Inspection Requirements: NFRC 702 (Incomplete)

**Flowchart:**
- Door Task Group (U-factor Subcommittee)
- NFRC Staff (ACP)
- Unknown (U-factor Subcommittee)
- NFRC Staff (ACP)
- NFRC 700 Task Group (Ratings Committee)
- NFRC Staff (CPC)
QUESTIONS OR COMMENTS?