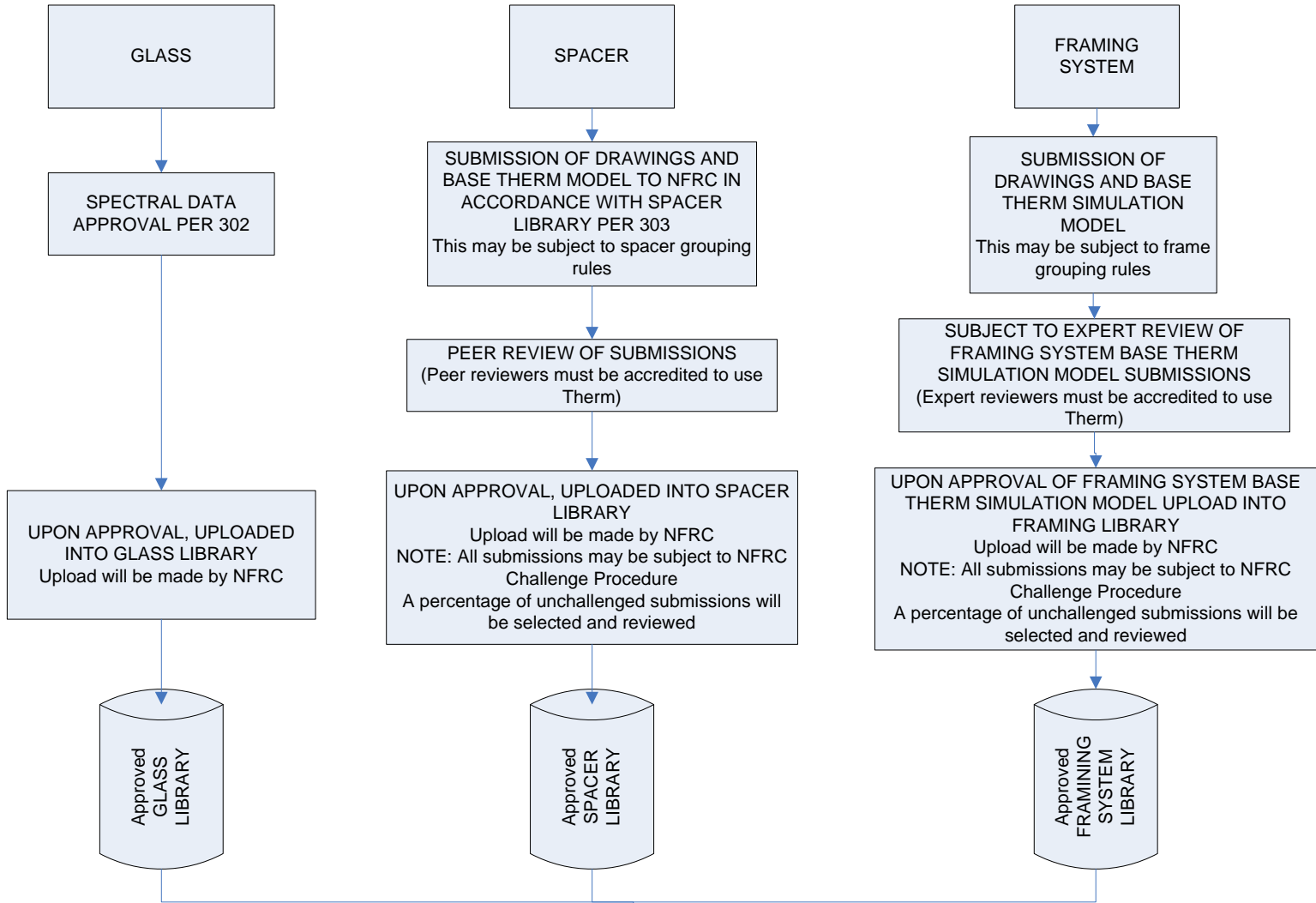


Component-Based Fenestration Product Certification Program

Draft #4 – 11.29.05

COMPONENT APPROVAL PROCESS



WHOLE PRODUCT SYSTEM CALCULATION

DESIGN TOOL

SPECIFYING AUTHORITY PROVIDES THE FOLLOWING TO THE APPROVED CALCULATION ENTITY (ACE):

Web based design tool allows specifiers and system or component manufacturers to develop design performance calculated values for whole product system without an NFRC label certificate

- Detailed construction of glazing infill; i.e.,*
 - number of lites, glass type, glass thickness, glass coating type, coating placement, spacer gap width, gas-fill
- Identification of insulating glass fabricator*
- Identification of insulating glass spacer*
- Identification of framing system manufacturer/fabricator*
- Details of framing system construction*

Note: Approved Components are not tested, they are Peer / Expert Reviewed or Simulated

Component-Based Fenestration Product Certification Program

Draft #4 – 11.29.05

WHOLE PRODUCT SYSTEM CALCULATION

CERTIFICATION PROCESS

SPECIFYING AUTHORITY SELECTS ACCREDITED INSPECTION AGENT (IA) WHO VERIFIES THE ENERGY PERFORMANCE RATING VALUES CALCULATED BY THE ACE IN ACCORDANCE WITH NFRC 100 USING NFRC APPROVED WEB-BASED SOFTWARE TOOLS
Note: Information regarding IG Unit Manufacturer and Framing System Supplier will be part of the report

IA VERIFIED WHOLE PRODUCT SYSTEM CALCULATION IS THEN STORED IN THE WEB-BASED SOFTWARE PROGRAM FOR AUTHORIZED ACCESS TO SPECIFYING AUTHORITY WHO IS NOTIFIED OF THE CALCULATION COMPLETION VIA E-MAIL

SPECIFYING AUTHORITY ACCESSES THEIR SECURED (PASSWORD-PROTECTED) CALCULATION IN THE WEB-BASED SOFTWARE PROGRAM TO OBTAIN DRAFT REPORT OF THE CALCULATION FOR FOR GENERATING A LABEL CERTIFICATE

ACQUISITION OF NFRC LABEL CERTIFICATE

WEB-BASED PROCEDURE

Specifying Authority:

1. Access web-based password-protected whole product calculation.
2. Sign NFRC License Agreement online (this must be done prior to issuance of Label Certificate)
3. Select NFRC IA
4. Agree to submit to IA whole product system paper-trail documents
5. Generate and print out Label Certificate
6. Label Certificate is automatically transmitted to the Specifying Authority, IA, and the NFRC office.
7. Whole product system information is then transmitted to the Certified Products Directory

HARD-COPY PROCEDURE

Specifying Authority:

1. Select a NFRC IA
2. Obtain and sign NFRC license agreement in hard-copy (this must be done prior to issuance of Label Certificate)
3. Submit signed license agreement to NFRC
4. Agree to provide the IA with whole product system paper-trail documents
5. Authorize IA to generate and issue Label Certificate

QUALITY ASSURANCE PROGRAM

Identification of IG fabricator and insulating glass unit verified by nationally recognized IG certification program

Specifying Authority submittal of commercial construction whole product system paper-trail documents to IA.