

# Fiberglass Reinforced Plastics Institute, Inc.

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## **EQUIPMENT CERTIFICATION PROCESS**

Equipment Certification is a four (4) step process summarized below, which is conducted following FRPI SP9100 Laminate Certification for equipment qualification and incorporates FRPI SP9000 Laminating Process Certification for Manufacturer prequalification. Equipment Certification is performed on a job-by-job basis. The first step requires the specifier to publish precise plans and specifications for a job that effectively positions Equipment Certification and names listed FRPI Certified Manufacturers only. FRPI offers a FREE Plans and Specs Audit to qualified specifiers to help position Certification. The second step is submittal review for compliance, with the third in process manufacturing verification and forth an installation checkup. The SP9000 and SP9100 standard practices are contained within the Laminate Certification Manual that can be purchased directly from the FRPI website. For more information on Equipment Certification please check out FRPI website, purchase Manual or contact FRPI.

## Step 1: Plans and specifications development. This step includes –

- A. Qualified specifier submits plans and specs to FRPI for FREE audit.
- B. FRPI issues audit report and sample specification with plan comments.
- C. Results: Specifier publishes precise plans and specs to effectively position Equipment Certification.

### Step 2: Submittal audit per SP9100 1.4 D thru M and O. This step includes –

- A. Manufacturer is awarded equipment and satisfies engineering submittal requirements.
- B. FRPI verifies submittal compliance with spec and reference standards thru inspection and analysis.
- C. Results, FRPI:
  - 1) Issues acknowledgement letter 1 of 2.
  - 2) Releases manufacturing contingent upon Manufacture customer release.

#### Step 3: In process manufacturing audit per SP9100 1.4 N and P thru S. This step includes –

- A. Manufacturer satisfies production run cutout, quality control and other submittal requirements.
- B. FRPI verifies submittal compliance with compliant engineering submittal thru inspection, testing and analysis.
- C. Results, FRPI:
  - 1) Issues acknowledgement letter 2 of 2 and FRPI Certified labels with registration number.
  - 2) Releases shipment contingent upon Manufacture customer release.

## Step 4: Installation audit per SP9100 1.4 T. This step includes –

- A. Manufacturer performs field inspection, applies FRPI Certified labels and satisfies submittal requirements.
- B. FRPI verifies submittal compliance thru inspection.
- C. Results: FRPI issues Laminate Certification certificate.

#### **FRPI Delivery:**

- Step 1 FREE plans and specs audit three (3) weeks after receipt of documents.
- Step 2 Submittal audit three (3) weeks after receipt of compete acceptable submittals.
- Step 3 In-process manufacturing audit four (4) weeks after cutout submittals accepted.
- Step 4 Installation audit two (2) weeks after field installation inspection certificate.

NOTE: Total timeline for Steps 1 thru 4 is from six (6) to twelve (12) weeks, where actual delivery is contingent upon adequacy of plans and specs received to initiate development effort, FRPI availability upon certification audit order entry, receipt of submittals, release of work plus Manufacturer responsiveness and compliance.