



# FRPI

## Equipment Certification

*Longer Life • Reduced Cost • Hardship Prevention*

Fiberglass Reinforced Plastic (“FRP”) is an excellent material of construction. However, obtaining reliable FRP equipment can be a mysterious risky business when plans and specifications are vague or Manufacturers do not meet the most precise specifications and referenced industry standards unbenounced to Specifying Engineers. Experience has demonstrated and studies conducted have quantified that 36% of 865 cases of equipment failures reported are due to FRP laminate degradation, where 79% of causes of failure associated with 754 cases involved issues that can be attributed to Manufacturer performance. Equipment built to inadequate specifications or not meeting precise requirements to begin with are leading root causes of these challenges. **FRPI CERTIFICATION** practically eliminates risk associated with these challenges; providing longer life, cost reduction and hardship prevention for Specifying Engineers and Owners served.

The Fiberglass Reinforced Plastics Institute (“FRPI”) is a tax-exempt non-profit organization incorporated in September of 2003. FRPI qualifies Manufacturer capability through an engineering, manufacturing and quality control capabilities audit plus audits the Manufacturer’s submittals and inspects and tests their production run FRP laminates on a job by job basis. This auditing process results in **FRPI CERTIFICATION** for Owner’s equipment purchased. All FRPI audits follow standard practices that are reviewed by professional engineers employed by Owners, Specifying Engineer and FRP Consulting firms plus FRPI Certified Manufacturers. The job by job audits focus on verifying Manufacturer’s equipment compliance with Specifying Engineer plans, specifications and reference standards plus engineering calculations and shop drawings prepared by Manufacturers. Certified equipment bears the FRPI label, symbolizing added reliability and peace of mind.

The **FRPI CERTIFICATION** process affords the following results plus more:

- Less reliance on in house FRP expertise to write precise specs and assure compliance
- Simple master spec consistency across multiple Specifying Engineer office locations
- Standardized equipment designs and submittal requirements throughout industry
- Compliance with precise specs leading to more reliable longer life equipment
- Lowest owning and operating cost for equipment Owners
- Fewer hours of specification administration time during design and construction for specifiers
- Vetted Manufacturer capabilities, public listing service and competitive level playing field
- Increased specifier control thru non-profit third party quality verification on autopilot
- Third party auditing, inspection and performance testing built into equipment cost
- Reduced liability exposure for specifying engineer reviewing submittals and accepting equipment
- Lower risk of corrective action cost and consequential damages from errors, omissions and delays

To learn more about this risk management process or to implement **FRPI CERTIFICATION** for your projects, please check out the FRPI website or contact us at:



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