



Fiberglass Reinforced Plastics Institute, Inc.

Eliminating Risks Since 2003

For Odor Control Equipment



What Risks? Premature FRP equipment failure resulting in impaired “level of service” stemming from:

PRE-BID DESIGN SPECIFICATION

- Vague FRP Construction Details
- Uncontrolled Delegated Design
- Conflicts, Errors and Omissions
- Poorly Qualified FRP Fabricators
- Insufficient Audit Trail Established

SUBMITTAL REVIEW

- Missed Spec/Standards Deviation
- Incomplete Structural Engineering
- Inadequate Stress Analysis
- Unidentified Errors and Omissions
- Limited Subject Matter Expertise

MANUFACTURING/INSTALLATION

- Unknown Fabricator Outsourcing
- Deviation and Faulty Fabrication
- Unqualified FRP Field Joint Labor
- Inept FRP Installation Services
- Deficient Quality Control Execution

Your Odds: 1 of 3 to 3 of 5 bids lead to compliance issues, 30 to 60% exposure probability!

Duct Flange Leaks



Tray Bypassing



Vessel Flange Leaks



Fracture at Support

Collapsed Internals

