



Fiberglass Reinforced Plastics Institute, Inc.

Eliminating Risks Since 2003

For Chemical Storage Tanks



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

PRE-BID DESIGN SPECIFICATION

- Vague FRP Construction Details
- Ineffective Use of ASME RTP-1
- Conflicts, Errors and Omissions
- Poorly Qualified FRP Fabricators
- Insufficient Audit Trail Established

SUBMITTAL REVIEW

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

MANUFACTURING/INSTALLATION

- Excessive Visual Imperfections
- Improper Laminate Cure
- Deviation and Faulty Fabrication
- 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!

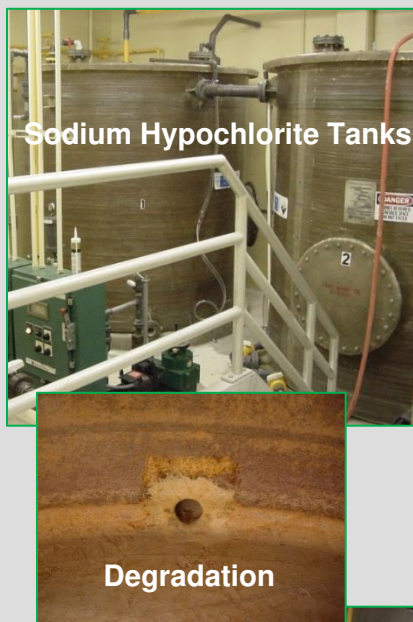
Eighteen (18) Months to Failure

Sodium Hypochlorite Tank



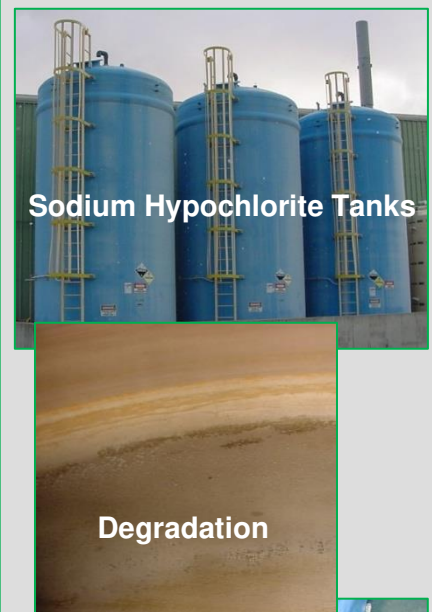
Seven (7) Years to Failure

Sodium Hypochlorite Tanks



Sixteen (16) Years to Failure

Sodium Hypochlorite Tanks



What sodium hypochlorite tank design life did you specify?