RETANK®

IN SITU RETROFIT FOR FIBERGLASS TANKS

Containment Solutions patented ReTank® system has allowed tank owners to convert existing single-wall fiberglass tanks into double-wall hydrostatically monitored tanks since 1996. Increasingly stringent secondary containment regulations, combined with a trend towards positive pressure monitoring and leak prevention technologies make ReTank® an attractive alternative to tank replacement.

Fiberglass panels for the new tank are manufactured at CSI tank manufacturing facilities then shipped to the job site where CSI trained technicians construct the new fiberglass tank inside the existing tank. During the upgrade process all fittings are removed and consolidated into manways to facilitate future access. The hydrostatic reservoir and monitoring fluid is added and the tanks are ready to resume their useful life.

The installed ReTank® was tested to meet the performance requirements of UL 1316, Second Edition. For the testing, a ReTank® was fabricated inside of a steel tank, the steel tank was removed, and then the ReTank® was subjected to the performance tests of UL standard 1316, Second Edition.

The end result is a new, structurally sound double-wall tank system with both tank walls continuously monitored on 100% of their surfaces. Other products use fiberglass fabric to bond the existing tank to the new tank wall which can lead to monitoring communications problems. ReTank® is warranted for conventional petroleum products, alcohols and alcohol blends including E100 and carries a 10-Year structural and corrosion warranty.

RETANK® ADVANTAGES:

- 10–Year Limited Warranty
- Eliminates costly tank replacement and downtime
- Provides secondary containment w/ hydrostatic monitoring
- Provides 100% separation between inner and outer walls
- Tested as a stand-alone tank per UL 1316, Second Edition
- Safety, methods, materials, and procedures are consistant with FTPI RP T-95-1
- Trained & Certified CSI employees manufacture and assemble ReTank® systems
- Materials used are UL 1316 listed for the manufacturing of UL 1316 tanks

CONTAINMENT SOLUTIONS®

THE UPGRADE PROCESS:

Step 1 Tanks are inspected, evacuated and cleaned to provide a safe environment.

Step 2 Steel fittings are removed and the openings are closed.

Step 3 Access openings are cut where manways will be installed later.

Step 4 Visual interior inspection is performed and surface irregularities are remanufactured.

Step 5 Endcaps and pre-fabricated panels are installed and bonded together.

Step 6 Access holes are closed, manways and reservoir installed and the interstitial space filled with brine.

Step 7 An interior inspection is performed and the brine level is monitored.

Step 8 A new calibration chart is developed for the new tank.

Prefabricated panels are prepared for tank entry.

Panel sections are lowered into the existing tank.

Joints are bonded together as the new inner tank is created, capable of being hydrostatically monitored.

CSI TECHNICIANS ARE CERTIFIED IN THE FOLLOWING:

- Confined Space Entry
- Scaffolding and Fall Protection
- HAZMAT/DOT General Awareness
- Hazardous Waste Site Supervisor
- Hazardous Waste Operations and Emergency Response
- Hazardous Communication Safety Training

CONTAINMENT SOLUTIONS SERVICES
(800) 822-1997

ReTank® Additional Services:

While CSI technicians are completing your ReTank®, they can also install containment collars and sumps to provide watertight access to grade. Standard sizes include 42", 48", and 54" diameters in either round or polygon design.

- **CONTAINMENT COLLARS**
- **TANK SUMPS**

CONTAINMENT SOLUTIONS®

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