

CSI Tank Capabilities



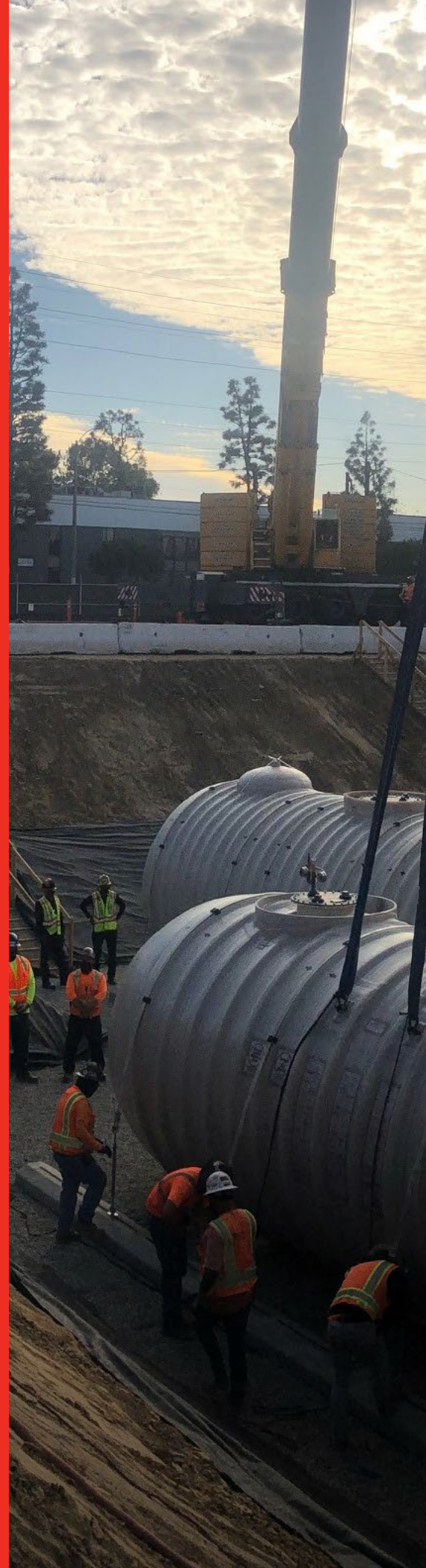
Fiber Glass Systems | 

Introduction

25+ years and hundreds of thousands of tank installations later, we continue to improve upon those processes utilizing today's automation to develop new applications and products.

Containment Solutions (CSI) Tanks were built on the success of fiberglass petroleum storage tanks. However, we have expanded our product line to include the handling of lubrication oils, water, wastewater and alternative biofuels such as ethanol and biodiesel.

Fluid storage today is more challenging and necessary than at any other time in history. Whatever your needs may be, our staff will work with you to determine the best possible solution.





Contents

Introduction 02

Underground Petroleum Storage 04

Aboveground Petroleum Storage 05

Oil/Water Separators 06

Flowtite® Water Storage 07

Automotive Lubricant Storage 08

Field Services 09

Underground Petroleum Storage



Fiberglass Petroleum Storage Tanks

Fiberglass UST's are manufactured of resin, glass and a specially-treated silica that when combined create a strong, durable tank laminate compatible with a wide variety of petroleum products. Our tanks meet both UL and ULC standards and are available in double-wall and triple-wall models. Standard capacities range from 600 to 50,000 gallons.

Fiber Glass Systems protects your long term investment with our industry leading 30-year structural and corrosion warranty.

Available Options:

We offer a complete line of accessories to complement your underground tank system.

Bulkheads - utilizing single and double-wall bulkheads, CSI offers a complete line of multi compartment tanks.

Watertight Tank Sumps - available in both single and double-wall designs to contain critical appurtenances at the turbine and fill end of the tank. CSI Tank Sumps are water tested to 1 foot of head pressure.

Deadman Anchor Systems - deadmen, turnbuckles, and hold down straps are designed for each tank size to offset buoyancy.



Hydroguard® System

The HydroGuard System features hydrostatically monitored double-wall tanks and tank sumps designed to meet the most stringent leak detection requirements. The system provides 360° secondary containment of the tank and critical piping components.

Hydrostatic monitoring fluid exerts liquid head pressure in the annular space of the tank and tank sump walls providing an amazingly sensitive and reliable means of continuously monitoring for leaks 24 hours a day, 7 days a week.

In short, the HydroGuard System is simply the most dependable underground fuel storage solution available.

Diesel Exhaust Fluid (Def) Tanks

Independently verified, CSI DEF tanks meet the quality and storage requirements in the ISO standard and the PEI Recommended Practice for storing Urea DEF. DEF storage tanks are available in both single and double-wall designs.

Aboveground Petroleum Storage



Fuelmaster®

The Fuelmaster System was developed in cooperation with the petroleum industry to assure fire officials and end users that the tank and each component are UL listed for their intended application and the system is tested prior to shipment.

The Fuelmaster base tank is constructed and listed in accordance with UL standard 2085 for Protected, Insulated Secondary Containment for flammable and combustible liquids.

Fuelmaster is a complete AGT system that is easy to specify and easy to install.

Available Options:

- Inventory management system
- Compartment tanks
- FIBERVAULT® exterior coatings
- Phase I and II vapor recovery packages
- Start-Up inspection service
- Annual maintenance & service program



Hoover Vault™ Tank

Hoover Vault Tanks are primarily used for motor fuel dispensing and standby generator applications. All vault products carry the UL 2085, 2-hour fire-rating label and are manufactured as UL 142 double-wall steel tanks, with integral supports. A lightweight Cementous material is applied in the interstitial space that provides the thermal protection and leak detection capabilities required by fire codes.

Hoover Vault Tanks are available in capacities from 250 to 20,000 gallons. CSI also offers a variety of standard tank accessories including vents, gauges and dispensing packages.

Gen Cube®

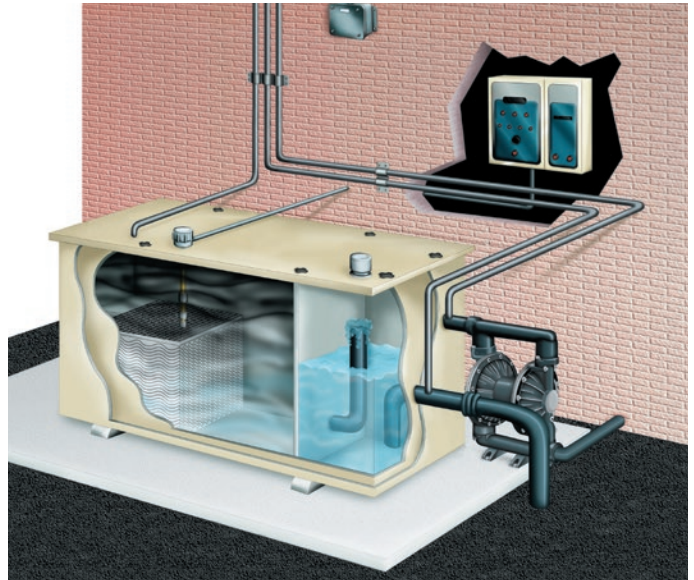
Gen Cube tanks from Fiber Glass Systems provides a safe and cost-effective solution for the storage of diesel and fuel oils for use in emergency generators and boilers. Gen Cube UL 142 double-wall tanks are designed for easy and convenient installation indoors or outdoors in capacities ranging from 60 to 20,000 gallons.

Oil/Water Separators

Aboveground Oil/Water Separators

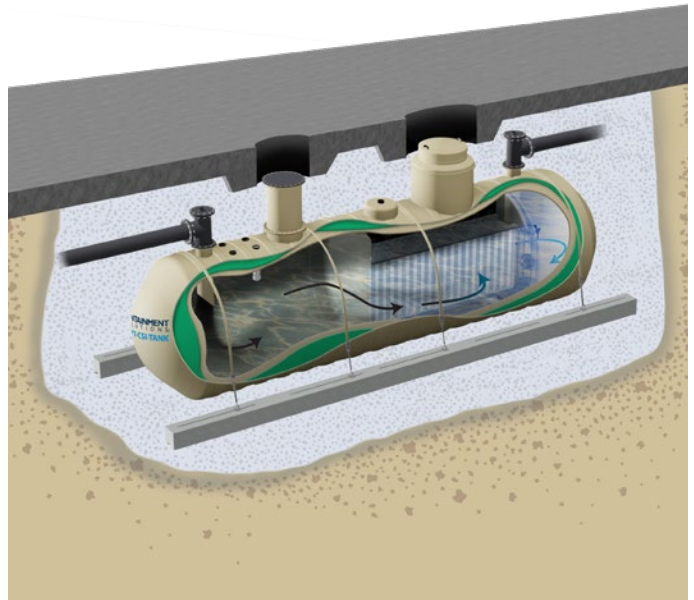
Aboveground oil/water separators combine a patented steel tank design with state-of-the-art enhanced coalescer technology to provide an efficient design with proven performance.

These tanks are commonly used for machine or vehicle washdown.



Underground Oil/Water Separators

Underground oil/water separators incorporate UL listed fiberglass tanks with enhanced coalescers designed to meet storm water and oily water discharge requirements. Separators are available in single or double-wall designs and are manufactured and tested in accordance with UL standards.



Underground Interceptors

CSI interceptors are designed to reduce sand, settleable materials, and free oil and grease from storm water flows, hydrocarbon spills and drain discharges from facilities requiring treatment prior to sewer discharge. CSI interceptors can be used as stand alone units or as the initial stage of a more efficient treatment system utilizing CSI Oil/Water Separators.

Interceptors come in single, double and triple basin models.

Flowtite® Water Storage

Flowtite Water Storage Tanks

Made of non-corrosive fiberglass, CSI Flowtite tanks from CSI are lightweight and watertight making them the perfect vessel for any water application. Flowtite tanks are designed to meet AWWA 120, NFPA 22, NSF 61 and IAPMO standards for water and wastewater storage tanks.

CSI Flowtite tanks are specified in both residential and commercial projects. The tanks can also be combined with filtering components to separate oil and other contaminants so the water collected can be reused for landscaping and other applications.

Our water storage tanks are an increasingly popular choice for green building applications and can contribute toward certification in nationally recognized programs such as LEED®

Common applications are:

- Rainwater Harvesting
- Stormwater Collection
- Fire Protection
- Onsite Septic Containment
- Potable Water Storage
- Grease Interceptors
- Graywater Reuse
- Condensate Recovery
- Cooling Tower Water



Fiber Glass Systems is committed to providing environmentally conscious designs and products. As a member of the U.S. Green Building Council we promote proper fluid management and sustainable site development. CSI Flowtite storage tanks contribute to satisfying multiple credits of the LEED® Green Building Rating system (a national program from the USGBC).

Automotive Lubricant Storage



Lube Cube® Storage Tanks

UL-142 listed Lube Cube® storage tanks are the best solution for the storage of new and used lubrication oils. Lube Cubes are available in single or double-wall designs with standard sizes ranging from 60 to 20,000 gallons.



Safe Waste™ and Waste Evac® Storage Systems

Store used oil safely, indoors and out, in this versatile double containment storage system. Safe Waste™ Storage Systems feature a UL listed storage tank and diaphragm suction pump and includes features like automatic overflow protection and an audible overspill prevention alarm. Safe Waste Storage Systems are designed to be fully operational with minimal installation cost.



Catwalk and Under Catwalk Tanks

Designed to optimize the space in lube pit areas. Catwalk and Under Catwalk tanks are UL-142 listed and are available in single and double-wall construction. Custom building is available to fit specific space requirements.



Bench Top Low-Profile Tanks

This multipurpose lubrication and used oil tank is designed for use in areas where maximum use of storage and work space is needed. UL listed Bench Top Low-Profile Tanks feature single and double-wall construction and a heavy duty work surface.

Field Services



Field Services

Our nationwide network of technicians have the latest certifications in OSHA confined space entry and HAZMAT training. All field service projects are supervised and completed by CSI technicians who are experts in fiberglass tank manufacturing.

Additional Services Include:

- Single and Double-Wall Collar Upgrades
- Single and Double-Wall Tank Sump Upgrades
- Single Compartment to Multiple Compartment
- Tank Modifications
- Tank Recertification
- OWS Maintenance



Compartment Tank Upgrade

Fiber Glass Systems' Field Services group offers an in situ Compartment Tank upgrade for existing underground tanks. Our highly trained staff will enter the buried tank and fabricate a bulkhead separating one compartment into two, or three, or more. Modifying existing tanks can expand the available product offering for a fraction of the cost of tank replacement.



Retank® System

An on-site retrofit system which allows you to convert any existing single-wall fiberglass tank into a double-wall hydrostatically monitored tank. ReTank® was tested to meet the performance requirements of UL 1316, Second Edition. The system is compatible with conventional petroleum products, alcohols and alcohol blends and carries a 10-Year limited warranty.



Btu® (Biofuel Tank Upgrade)

Biofuel Tank Upgrade (BTU®) is a cost-effective solution to upgrade your existing single-wall fiberglass tank. BTU is a tank enhancement; it is not a spray-on liner.

Ethanol blends up to and including E100, and biodiesel blends up to B100 are all compatible with the BTU upgrade from Fiber Glass Systems.

Products

Underground Petroleum Storage Tanks

- Fiberglass Fuel Storage Tanks
- Compartment Tanks
- HydroGuard® System

Aboveground Petroleum Storage Tanks

- Fuelmaster® System
- Hoover Vault™ Tank
- Gen Cube® Storage Tanks

Oil/Water Separators and Interceptors

- Aboveground Steel Oil/Water Separators
- Underground Fiberglass Oil/Water Separators
- Underground Fiberglass Interceptors

Flowtite® Water Storage Tanks

- Rainwater Harvesting Tanks
- Stormwater Collection Tanks
- Fire Protection Tanks
- Onsite Septic Tanks
- Potable Water Tanks
- Grease Interceptors

Automotive Lubricant Storage Tanks

- Lube Cube® Storage Tanks
- Bench Top Low-Profile Tanks
- Safe Waste™ Storage System
- Waste Evac® Storage System
- Catwalk and Under Catwalk Tanks
- Kombo Tank

Field Services

- ReTank® System
- BTU® - Biofuel Tank Upgrade
- Compartment Tank Upgrade
- Tank Modifications
- Warranty Extension Services
- OWS Maintenance

NOV Inc. has produced this brochure for general information only, and it is not intended for design purposes. Although every effort has been made to maintain the accuracy and reliability of its contents, NOV Inc. in no way assumes responsibility for liability for any loss, damage or injury resulting from the use of information and data herein. All applications for the material described are at the user's risk and are the user's responsibility.

© 2021 NOV Inc. All rights reserved.
JIRA 14125
CSI 3001 FGS 02/21

Corporate Headquarters

7909 Parkwood Circle Drive
Houston, Texas 77036
USA

Fiber Glass Systems

17115 San Pedro Ave., Suite 200
San Antonio, Texas 78232
USA

CSI Tanks

500 Conroe Park West Drive
Conroe, Texas 77303
USA
Phone: 936.756.7731