



**CONTAINMENT**  
S O L U T I O N S<sup>®</sup>

With multiple manufacturing sites nationally,  
we are **strategically located**  
to serve **North America.**



- Fiberglass Tank Manufacturing
- Field Service Support Site
- Steel Tank Manufacturing

Containment Solutions, formerly the special products division of Owens Corning, pioneered a technology in 1965 to manufacture the first fiberglass petroleum storage tank. Originally our tanks were designed for the safe storage of petroleum and other combustible materials. In fact, our design work resulted in the UL 1316 standard which governs fiberglass tank manufacturing for petroleum tanks.

50 years and 300,000 tank installations later, we continue to improve upon those processes utilizing today's automation to develop new applications and products.

Containment Solutions was 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.

*CSI Manufacturing Plant - Bakersfield, CA*



Introduction .....	1
Underground Petroleum Storage.....	3
Aboveground Petroleum Storage .....	4
Oil/Water Separators .....	5
Flowtite® Water Storage .....	6
Manholes & Wetwells .....	7
Automotive Lubricant Storage .....	8
Field Services .....	9

## 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.

CSI 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.



## 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 & 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 cementitious 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.

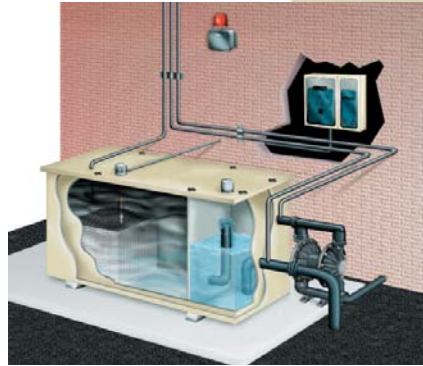
## GEN CUBE®

Gen Cube® tanks from Containment Solutions provide 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.

## 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 TANKS

Made of non-corrosive fiberglass, 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.



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



CSI 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. Flowtite storage tanks contribute to satisfying multiple credits of the LEED® Green Building Rating System (a national program from the USGBC).





## FIBERGLASS MANHOLES

Lightweight and structurally sound to withstand HS-20 axle loads, fiberglass monolithic manholes resist the effects of hydrogen sulfide gas and minimize the amount of infiltration and exfiltration through the treatment system. Our manholes offer an economical and effective solution to your wastewater system needs.

CSI Manholes and Wetwells come with a 20-year structural and corrosion warranty.



## FIBERGLASS WETWELLS

Fiberglass wetwells eliminate infiltration and exfiltration at this critical station in a sanitary sewer line. The monolithic construction of the wetwell has no sidewall joints, sections or seams to let ground water in or waste out. And because they are highly resistant to corrosion, you are assured that wetwells will provide long lasting performance.



## FIBERGLASS REHABILITATION MANHOLES

Rehabilitation Manholes can be installed within existing brick or precast manholes to provide a long-term and cost-effective solution to manhole rehab. The Rehabilitation Manhole resists the attack of hydrogen sulfide while withstanding HS-20 traffic loads. They meet or exceed the requirements of ASTM D-3753 Glass Fiber-Reinforced Polyester Manholes.

Rehabilitation wetwells are also available.





## 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™ & 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

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

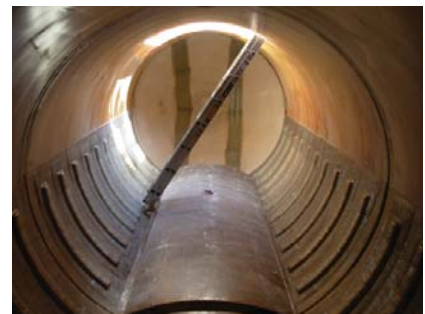


## COMPARTMENT TANK UPGRADE

Containment Solutions Services 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 CSI, or Owens Corning, single-wall tank into a UL listed double-wall tank. The ReTank system carries a 30-year structural and corrosion warranty.



## BTU® (BIOFUEL TANK UPGRADE)

Containment Solutions' 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 CSI.

## **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 & 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

## **FIBERGLASS MANHOLES & WETWELLS**

Fiberglass Manholes  
Fiberglass Wetwells  
Fiberglass Rehabilitation Manholes & Wetwells

## **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

