



ConVault

Aboveground Storage Tanks



Fleet Fueling / Retail



Emergency Power/Boiler Fueling



Aviation Fueling Systems



Marina Fueling Systems



Waste Oil Disposal



Alternative Fuels

Core Engineered Solutions features the industry leading ConVault AST as a key component of its integrated fueling systems. The innovative design of the ConVault tank (six inches of reinforced concrete protecting both the primary and secondary containment) has earned it the reputation of being engineered for the ultimate in safety and value. ConVault tanks feature low maintenance concrete exteriors that eliminate costly problems associated with rusting steel exteriors. Each system can be shipped complete with factory installed dispensing accessories to help you minimize on-site expenses. From concept-to-completion, ConVault is the solution for all of your fuel storage needs.

The Ultimate In Safety

- Carries UL Standard 2085 Insulated/Secondary for Aboveground Storage Tanks/Protected (the highest rating available for ASTs).
- Over 29,500 global installations without a single system failure.
- Primary/secondary containment, leak monitoring and spill containment are all independently tested at the factory before shipment.
- Seamless six-inch concrete vault design offers maximum protection against natural disasters, vehicle and projectile impact.

The Ultimate In Compliance

- Meets NFPA 30/30A, UFC, BOCA, and SBCCI.
- Certified by CARB for Phase I and II balanced vapor recovery, including methanol/ethanol; EPA secondary containment requirements 40 CFR 112.7(c).

The Ultimate In Value

- Low maintenance concrete exterior virtually eliminate costly problems associated with rusting steel exteriors.
- Exterior steel fittings are powder coated to inhibit rusting.
- Factory installed dispensing equipment/accessories minimizes on site expenses.

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THE ABOVEGROUND SOLUTION TO THE UNDERGROUND PROBLEM

1. Aboveground

The ConVault fuel storage system is not subject to underground storage tank regulations for petroleum based products, chemicals or hazardous wastes. Sizes range from 125 to 12,000 gallons, including dual compartment tanks.

2. Complete Turn-Key System

Over 29,500 customized, turn-key systems have been installed nationally. Tanks are delivered from one of the eight convenient regional manufacturing plants ready to use - no waiting. ConVault fuel storage systems are manufactured under strict quality control standards. There is no need for excavation, dikes, painting or on-site assembly.

3. Long Life Guarantee

ConVault tanks come with a 20 or 30 year warranty. The steel tank is isolated from the concrete encasement to assure corrosion protection.

4. Fire Protection

ConVault's seamless, six inch, reinforced concrete enclosure provides two-hour fire protection. This has been confirmed by independent, third party testing labs such as Wamock Hersey International, Underwriters Laboratories (UL) and Underwriters Laboratories of Canada (ULC).

5. Secondary Containment Design

A high performance, 30 MIL high density, polyethylene membrane encloses the primary tank to provide UL Listed (non-metallic) secondary containment, protected by a six inch, reinforced concrete monolithic encasement.

6. Leak Detection

Through-the-tank leak detection design assures that the interstice may be manually or electronically monitored. The ConVault system rests a minimum of four inches above the ground on unitized concrete support legs to allow for complete visual inspection.

7. Thermal Protection

ConVault's monolithic concrete enclosure and insulation layers provide thermal protection that minimizes temperature change for flammable liquids stored in excessively hot or cold environments. The system contains no heat transfer points or cold joints on the bottom or sides. Insulation minimizes vapor loss and viscosity problems due to temperature variations. ConVault systems are California Air Resources Board (CARB) certified for Phase I and Phase II Vapor Recovery for gasoline, ethanol and methanol.

8. Spill & Overfill Protection

A seven gallon UL Listed containment basin provides added protection against accidental spills. In addition, the tank can be easily equipped with auto shut-off devices and alarms.

9. Weather Resistant Exterior

Low maintenance finish options protect the tank from damage due to outdoor elements. Powder coating of external steel fixtures inhibits rusting.

Options include:

- Natural Finish*
- Epoxy Finish
- ST0™ Finish*

* Natural and ST0™ finishes are available regionally. Please call to see if these finishes are available in your state prior to ordering

Vandal & Natural Disaster Resistant

ConVault fuel storage systems are projectile and vehicle impact resistant as well as engineered to withstand earthquakes, floods and other natural disasters.

Accessories

Everything necessary for complete code compliance can be included as part of a standard turn-key package.

