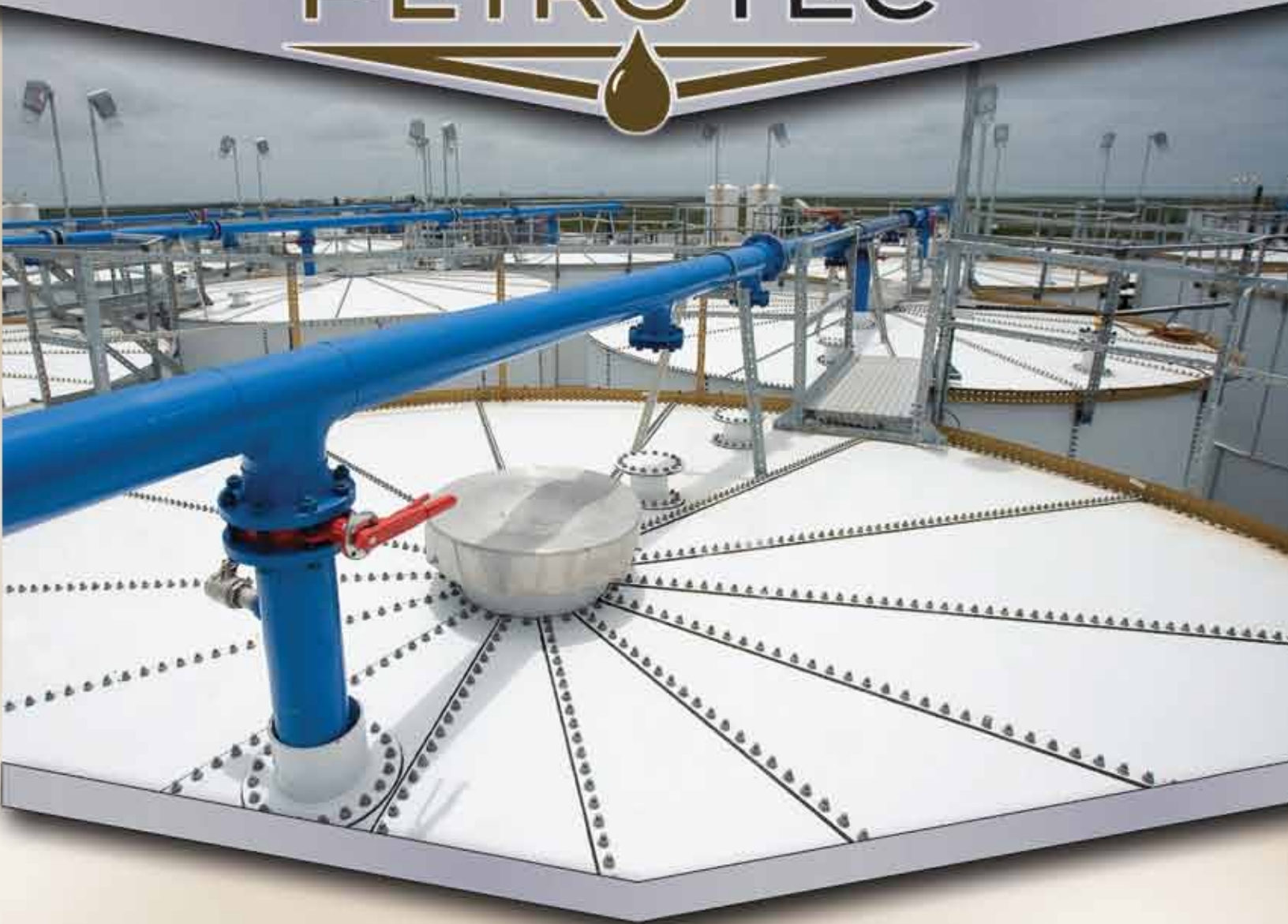


# PETROTEC®



## **PetroTec® Tank Systems: The absolute standard for API-12B petroleum storage tanks**

When it comes to petroleum storage, no other tank manufacturer can compete with the decades of experience and thousands of successful installations of CST Storage (formerly Columbian TecTank). CST Storage originated its tank business in the oil industry. Dating back to 1893, CST Storage pioneered the use of bolted steel storage tanks for petroleum applications. Today, CST Storage is the only certified API-12B tank manufacturer in the world.

PetroTec® engineers have working knowledge of the oil industry and its standards, and are well equipped to build the best tank value on the market with the lowest cost-per-unit volume stored. With over 150,000 tanks in 125 countries performing in thousands of applications, no other company can match CST Storage's design, manufacturing and construction experience.

# **CST STORAGE™**

A Division of CST Industries, Inc.

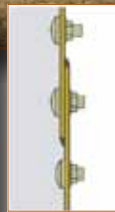
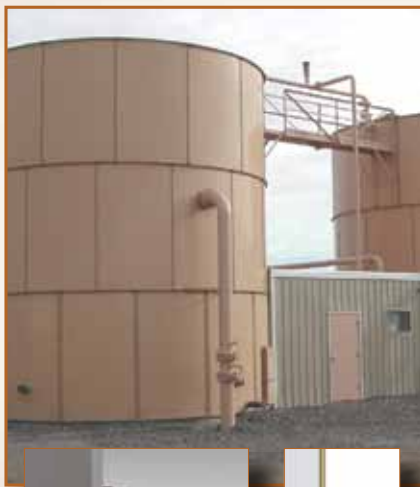
# Speed, longevity and flexibility belongs in petroleum storage

PetroTec tanks are constructed and put into operation faster and more cost effectively than any other tank system on the market. PetroTec tanks are also factory-coated making them the environmentally-sound choice of petroleum storage application. Our tanks can be successfully installed in all types of weather in one-third the time it takes for other tank systems, keeping you on-time and within your budget. CST Storage (CST) has been providing petroleum storage systems with field- proven performance life of more than 25 years. Because petroleum is such a complex and volatile substance, PetroTec tanks are custom designed to meet the unique and rigorous conditions of even your toughest applications.

PetroTec Tank Applications	
Crude Storage	Diesel Fuel
Muds	Frac Water
Drilling Fluids	Production Water
Completion Fluids	Wastewater
Distillates	Fire Water

- ▼ The OptiBond™ tank coating system is a combination of state-of-the-art epoxy powder formula and application process that offers the strongest corrosion and abrasion resistance available
  - ◆ All parts are coated using CST's proprietary Trico-Bond EP® epoxy formulation
  - ◆ OptiBond factory applied epoxy coating can last 3-4 times longer than standard black steel or other painted tanks
- ▼ PetroTec bolted tanks can be constructed fast in the field without the need for welding or field painting
  - ◆ Built one-third faster than welded tanks
  - ◆ Tanks can be taken apart and moved to another location
- ▼ Tank design flexibility to meet storage needs
  - ◆ PetroTec CS – The only certified API-12B chimed bolted design
  - ◆ PetroTec TS – Flat panel design for higher volume needs
  - ◆ PetroTec Welded – Shop welded tanks

## PetroTec Tank Designs



**PetroTec CS** - The world's only certified API-12B tank - The pioneer.

**PetroTec TS** - New flat panel design can handle large volumes beyond 6,000,000 gallons

**PetroTec Welded** – Factory welded and coated with our proprietary coating system to ensure maximum corrosion resistance and long tank life.



# Superior coating technology with proven performance

## The CST OptiBond™ Coating System

CST Storage utilizes premium coating technology that provides maximum corrosion resistance and long tank life. Our experience has led to continuous technology and process improvements that have resulted in the finest epoxy coating available in the liquid tank industry. The OptiBond™ coating system is derived from years of in-field experience and performance data.

### CLEANING

#### Stage 1:

- ▼ Parts are degreased and rinsed
- ▼ Precisely controlled hot air drying and pre-heating at optimum temperature for a precision coating process

#### Stage 2:

- ▼ Parts surfaces are blasted with engineered grit material
- ▼ Rugged 3-D surface topography is created for better powder coating acceptance increasing durability and long-term coating performance
- ▼ A high velocity air curtain removes residual particulate



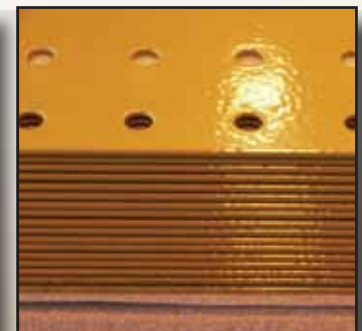
### COATING

#### Stage 3:

- ▼ Parts are powder coated with our proprietary Trico-Bond EP electrostatic booth with precise environmental controls
- ▼ Parts are cured at controlled temperature to maximize the cross-link bonding of the epoxy particles

#### Stage 4:

- ▼ Uniquely engineered Polyurethane topcoat is applied for UV protection on exterior surfaces for extra durability and longevity
- ▼ Sheets are cured at controlled temperature yielding the final product



### QUALITY CONTROL

Parts are subjected to a rigorous quality control inspection with a high voltage defect testing procedure. This will identify any defects, inclusions and thin areas in the coating. *No other company has a higher process and quality control standard than CST Storage.*





### PetroTec Tank Volume and Size Ranges

MATERIAL OPTIONS	VOLUME RANGE	SIZE RANGE
PetroTec CS – API-12B	100 – 57,000+ barrels (4,200 – 2,394,000 gallons)	Diameter: 9' – 200' Height: Up to 200'
PetroTec TS	4,000 – 6,000,000+ gallons	Diameter: 11' – 243' Height: Up to 140'
PetroTec Welded	1,500 – 112,000 gallons	Diameter: 6' – 15' Height: Up to 85'

## PetroTec from CST Storage

CST Storage is the global market leader in pre-engineered and pre-fabricated storage tanks for liquid and dry bulk applications. Committed to delivering worry-free solutions, CST Storage is the original innovator and model for all other steel tank companies. No other company can match the CST Storage's world wide experience in design, manufacturing and construction of steel tanks. You can count on CST Storage to be your partner throughout the entire process from specification to quality construction to service.

New process technologies, effective designs and investments in new equipment have raised the CST Storage product offering to a new level. Combine that with experienced and dedicated people, at CST Storage you get more than just a tank. You get field-proven storage solutions and committed service that is right for your specific needs.



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