



# ALTERNATIVE FUELS

## Industrial Tanks



### Tanks of all Designs.

For almost 40 years, one of our company's **core tasks** has been to design tanks. Our engineering team continues the tradition today, **designing tank** and **piping configurations** for industries including **propane, petroleum, ethanol** and the growing **biofuels** market.

Biomass

Power Gen

Water

Oil

Coal

Dry Solids

# Industrial Tanks

Atmospheric Tanks, Pressure Vessels, Molecular Sieves, Process Skids

## Quality Tank Manufacturing

Built resistant to its climate and surroundings, our standard manufacturing practices extend the life of the tanks and eliminate premature leaks or maintenance.

- ▶ Welding certified by the American Society of Mechanical Engineering.
- ▶ X-rayed welds ensure effectiveness of seal.

## Custom Tanks and Systems

Our in-house engineering and design team is equipped to complete the most complex projects and designs.

- ▶ Thickness meets specific code requirements.
- ▶ Straight, sloped and cone shaped bottoms
- ▶ Ability to withstand variable vacuum pressure.

## Fast Lead Times

Westmor uses millions of pounds of steel each year, giving us easy access to inventory.

- ▶ Quick lead times
- ▶ Competitive pricing
- ▶ Manufacturing efficiency

# Atmospheric Tanks

Liquid Gases



## Capabilities

(Atmospheric Tank)

Caustic Tank  
Waste Caustic Tank  
Amylase Tank  
Carbon  
Stainless Steel

### Installation:

Decking  
Screening  
Plating Packages

## API-650

(Atmospheric Tank)

Field Erected Tank (welded)  
Appendix J - Shop built  
Up to 16' Diameter  
Single Wall  
Anchor Chairs  
Thick Material

## UL-142

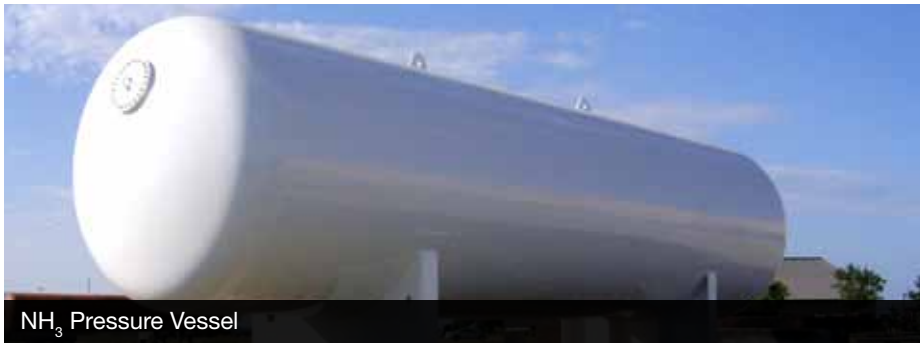
(Atmospheric Tank)

Shop built  
Up to 14' x 50'  
Single or Double Wall  
Vertical  
Horizontal (Canada)  
Rectangular  
Open Roof  
Floating Roof  
Dome Roof



# Pressure Vessels

LP and NH<sub>3</sub> Pressure Vessels



NH<sub>3</sub> Pressure Vessel



LP Pressure Vessel

## Capabilities

(Pressure Vessels / Molecular Sieves)

LP and NH<sub>3</sub> Vessels  
Aboveground Solutions  
Underground Solutions  
Carbon  
Stainless Steel  
ASME Code  
U and R Stamp  
Repair  
Recertification  
Installation:

Valves  
Piping

## Pressure Vessels

(Standard)

18,000 Gallon  
30,000 Gallon  
109" Diameter  
Saddles/Paint

(Custom)

Up to 40,000 Gallon  
Up to 132" Diameter  
Saddle/Paint Option

(LP Vessel)

Aboveground  
30,000 to 40,000 Gallon  
132" Diameter  
Saddle/Paint Option

## Molecular Sieves

Full Vacuum  
Cyclic Calculations (1,000,000 cycles)  
Carbon Steel  
Legs or Skirt attached  
Internals:  
Plates  
Rings  
Screens

# Molecular Sieves

Gas and Liquid



Molecular Sieve Transport Ready



Molecular Sieve Transport Ready

# Process Skids

LP and NH<sub>3</sub> Gases



## Capabilities

(Process Skids)

LP or NH<sub>3</sub>  
Truck to Tank Unload  
Tank to Building Unload  
Ready to Pipe to Tank  
Easy Installation

## Design Options:

Pump to pump product  
Emergency Shut Off Valve  
Flanged Connections  
Ball Valve  
Vapor and Liquid Lines  
Pressure Relief Valve  
Angle Valve  
Tripod



Process Skids Ready for Transport