ABOVEGROUND LIQUID STORAGE TANKS

Options for Planning Success
Logistics of planning a new storage tank can be the biggest challenge. Where should the tank(s) be located based on land availability, type of secondary containment, method of filling (rail, barge, or truck), loadout method, and consideration for future expansion of the facility? Heartland Tank Companies support you with their decades of experience to assist you in evaluating the various options to determine the best configuration.

Quality Materials and Construction
Excellence in constructing API 650 storage tanks starts with a no-compromise approach to using quality materials and precision construction methods. Eight foot wide flat, mill certified, precision cut steel comprises every tank shell, roof, and floor, decreasing the number of welds required. Add the accuracy of a double-sided girth welder, certified welders, and a diligent crew erecting the quality storage tank. This constant pursuit of a quality storage tank is what sets a Heartland Companies tank a part from the competition.

Aboveground Liquid Storage Tanks
- API 650 Standard
- 8 Foot Wide Flat, Mill Certified Steel
- Certified Welders
- Double-Sided Girth Welder for Horizontal Shell Seams

INTERNAL FLEXIBLE PVC TANK LINERS
Alternative Secondary Containment
Cost savings is only one reason to consider an internal PVC (Polyvinyl Chloride) tank liner. Internal liners also lessen the necessary footprint of a tank compared to lined dikes and double wall tanks while providing corrosion control for the tank. Many states allow internal PVC liners as a secondary containment alternative to the traditional options.

How Internal PVC Liners Work
The flexible PVC liner hangs inside the aboveground storage tank and becomes the primary containment for the stored liquid. Once the liner is installed and liquid is introduced to the lined tank, the liquid only contacts the liner. The leak detection system involves a manual leak detection monitor and structural steel valve containment boxes with leak monitoring. If a leak does occur in a liner system, the leak detection monitors will contain product. This is a fail-safe way to prevent any environmental contamination compared to other secondary containment methods.

Benefits of Internal PVC Tank Liners
- Lower Cost for Containment
- Tank Corrosion Control
- No Additional Footprint Required for Secondary Containment
- Chemical Resistance to Most Fertilizers
- Reliable Leak Detection System
- Reduced Time Needed for Installation