STORAGE TANK APPLICATIONS

Storage tank storage tanks play an essential role in protecting, processing, and storing products, due to their reliability and cost-effective solution. Stainless steel storage tanks are designed for a wide range of industries and applications, including:

- Agriculture
- Cosmetics Processing
- Food and Beverage Processing
- Oil and Gas
- Printing, Etching, and Wet Processing
- Pharmaceuticals

TYPES OF STORAGE TANKS

VERTICAL STORAGE TANKS

Vertical storage tanks are manufactured in various sizes, gauges, materials, and other critical features. Characteristic include:

- Easy Pressure Distribution: The vertical design allows for even pressure distribution, providing increased strength and the ability to hold larger amounts of material.
- Space-Saving: Vertical storage tanks use less floor space, making them ideal for small spaces or where space is limited.
- Increased Stability: Vertical storage tanks have increased stability when placed on a solid surface, which is highly beneficial for storage and use.

HORIZONTAL STORAGE TANKS

Horizontal storage tanks are ideal for storing liquids, such as water and chemicals. Characteristics include:

- Easy Transportation: The horizontal design of these tanks allows for easy mobility and transportation.
- No High-Issue: Horizontal tanks allow easier access, making them perfect for areas with low vertical clearance.
- Temperature Control: Heating and cooling fluids in a tank due to the safety and simplicity of horizontal tanks.

SIMPLE-WALLED STORAGE TANKS

Single-walled storage tanks, sometimes known as silos or tanks, offer a less expensive storage tank option. They are commonly used in industries or outdoors in combination with a concrete structure for extra containment.

DOPLED-WALLED STORAGE TANKS

Double-walled storage tanks are beneficial for storing potable or chemicals that have a high fire risk. This highly reliable system uses an outer tank with adequate secondary containment, ensuring optimal performance when containing dangerous products.

WHY AAF FOR STORAGE TANKS?

At AAF, we specialize in manufacturing custom storage tank solutions to meet the needs of various industries and applications. We offer single-walled, double-walled, vertical, and horizontal storage tanks, and our facility allows us to manufacture storage tanks as large as 300 feet in diameter. Our custom storage tanks can be tank, wind uplift, and pressure, and can be designed to handle a variety of non-compressible and compressible liquids to suit a range of storage needs.

STAINLESS STEEL STORAGE TANKS FROM AAF

Stainless steel storage tanks come in a variety of sizes, styles, and tanks to suit the needs of various industries and applications. An ideal solution for storing both corrosive and non-corrosive liquids, stainless steel storage tanks can handle products such as water, oil, alcohol, acid, and more.

We handle custom fabrications of argon with high-hourglass tanks and excellent customer service. To learn more about our stainless steel solutions, contact us to speak with our specialists today.

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