



Custom Stainless Steel Tanks

Custom Tanks for the Pharmaceutical Industry

Superior Tanks for Ultra-Pure Applications

Custom cylindrical tanks and pressure vessels from Allegheny Bradford are ideal for pharmaceutical, biotechnology, cosmetics and other ultra-pure manufacturing environments.

Pressure Rating: Design and built to ASME code and stamped

Corrosion Resistance: Material of construction is stainless steel and other nickel based alloys

Quality: Highest quality vessels available in the market today

The Custom Advantage

Because we know that every application is unique, we design each tank individually, so you never have to adapt your processing operations to our products. With customized designs from Allegheny Bradford, you determine the precise specifications to meet your requirements, including:

- Capacity and pressure rating
- Mechanical and electropolished surface finish to less than 10 microinches Ra
- Stationary or portable design
- Cone, sloped or dished bottoms
- Fixed or removable tops
- Port types, sizes and locations
- Dimple, conventional heating and cooling jackets
- Chloride-free insulation with stainless steel sheathing
- Accessories such as lights, sightglasses, handholes, sensors, load cells, sampling valves & spargers, fittings for instrumentation and top & bottom mount mixers



ABC Also Designs and Fabricates Industrial Tanks

Custom Vessels

Allegheny Bradford will manufacture customized vessels for the food, beverage, chemical, and electronics industries.



Allegheny Bradford custom tanks are used in many industries:



Food and Beverage



Chemical/Industrial



Electronic/Semiconductor



Gas Filtration

From Small Portable Vessels to Skids



Prior to shipment, every tank undergoes rigorous testing and documentation procedures that can include:

- Hydrostatic pressure testing
- Dye penetration examination
- Radiography
- Steam testing
- Positive material identification (PMI)
- Profilometer readings of surface finish to ensure surface finishes to less than 10 microinches Ra.
- Fiber optic, borescopic tube inspection and videotaping of product contact surfaces on DVD
- Ferrite testing
- Drainage testing
- Saline testing
- Computer-verified performance

You receive complete documentation to comply with your requirements, including data reports, seismic calculations, production drawings, material test reports, and certifications of hydrotest, passivation, surface finish and electropolishing.



Complete Certification



CE



UM ASME VIII Stamp



U ASME VIII Stamp



Chinese License

Codes & Standards

- UL-508A
- ASME
- CRN
- Bioprocessing Equipment Standards Committee (BPE)
- GMP
- 3-A
- Ministry of Manpower (MOM)
- The National Board of Boiler and Pressure Vessel Inspectors R stamp
- ASTM
- SEP



Allegheny Bradford Offers a Full Range of Products:



● ABC Global

★ ABC Facility

Allegheny Bradford Corporation



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