Allegheny Bradford Corporation

Custom Stainless Steel Tanks

Allegheny Bradford offers a full range of products:

- ABC Global
- ABC Facility
- Custom Vessels

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

ABC also designs and fabricates industrial tanks. Allegheny Bradford custom tanks are used in many industries:

- Food and Beverage
- Chemical/Industrial
- Electronic/Semiconductor
- Gas Filtration

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

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Corrosion Resistance:
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Custom Vessels
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www.alleghenybradford.com
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.
- Ferrite testing
- Drainage testing
- Saline testing
- Computer-verified performance
- Fiber optic, borescopic tube inspection and videotaping of product contact surfaces on DVD

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
- ULM 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

From Small Portable Vessels to Skids
Allegheny Bradford Offers a Full Range of Products:

- Custom Vessels: Allegheny Bradford will manufacture customized vessels for the food, beverage, chemical, and electronics industries.
- Custom Tanks: Custom tanks are used in many industries:
  - Food and Beverage
  - Chemical/Industrial
  - Electronic/Semiconductor
  - Gas Filtration