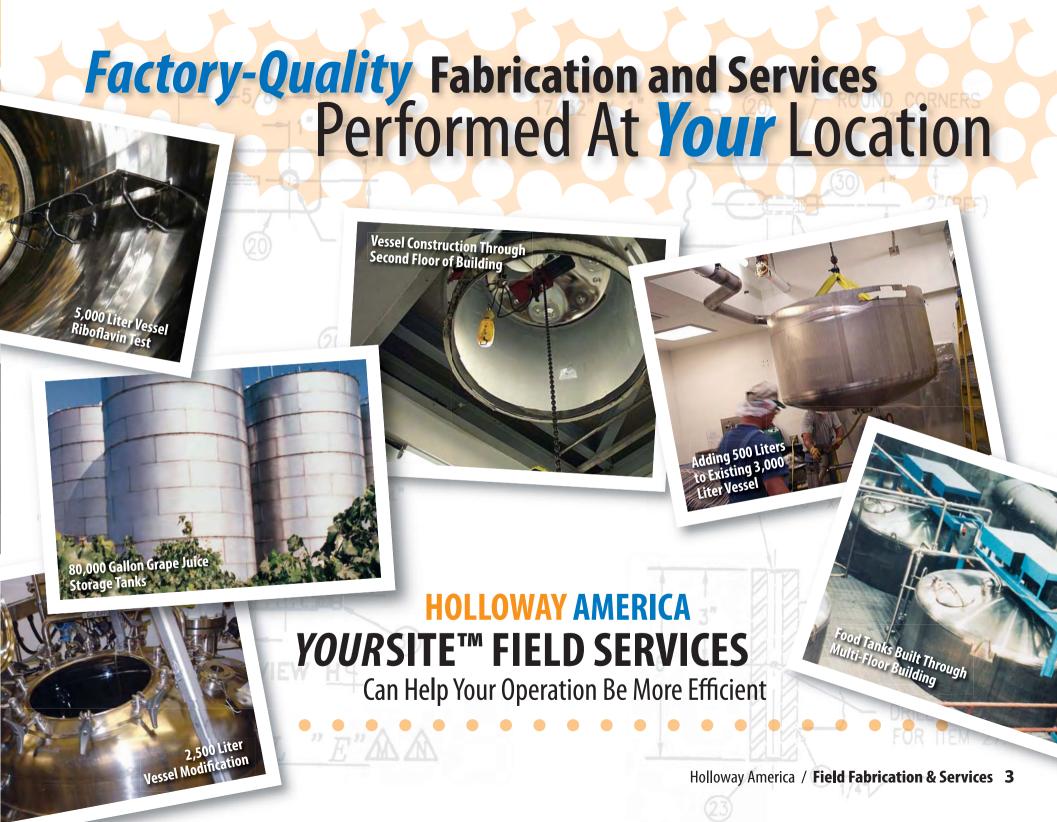




YOURSITE™ Field Fabrication Field Services

Extraordinary.
Right Before
Your Eyes.







CompleteEngineering/Services including:

• Tank, vessel, component, machine design

Complete documentation Turn-Over Packages (TOPs)

• Finite Element Analysis (FEA)

• Ultrasonic Thickness measurement (UT)

• Positive Material Identification testing (PMI)

Infrared thermography

Pressure testing

Radiography

• Dye-penetrant leak testing

 Custom spray device design and riboflavin testing certification

Surface finish measurement and certification

Instrument calibration

Material corrosion test kits

Craftsmen

Certified in the following:

ASME Section VIII, Div. I "U"

BPE standards

 National Board "R" repair stamp certification

• API-620 and API-650

ASME B31.3 process piping

CE certification

OSHA training and certification

 CSE (Confined Space Entry) certification

3A standards

USDA and FDA



60,000

Special Full Drain Bottom Head One-Piece Machining



Gallon Syrup

Repair, Retrofit Modification, and Replacement

of the following:

- Vessels/tanks, all makes
- Options include, but not limited to the following:
- manways, flanges, fittings, dip tubes, asme ferrules, no-foam inlets, baffles, vortex breakers, insulation, outer sheathing, agitation systems, heat transfer surface, inspection ports, light and sightglass assemblies, shell sections, heads, cones, catwalk, ladder and platform assemblies
- Tank and vessel components
- Heat exchangers
- Process skids/modular process systems
- Valves, instrumentation, controls, pumps
- Material finishes from 75 Ra to 5 Ra and better
- Electropolishing
- New tanks and vessels with capacities up to 1,000,000 gallons
- 25 years experience fabricating large, on-site tanks utilizing top-first construction methods for safety, factory-quality, and confined-space advantages
- Custom spray devices

Preventive

Maintenance Programs

- Proprietary HOLLOWAY VesselWellness™ Program to determine remaining life expectancy of existing tanks and pressure vessels
- 24/7 TURBOSERVE™ Emergency Services usually on your site within 24 hours
- Equipment installation services
- Shutdown and start-up assistance

Materials of Construction

 All Type 300 series stainless steel, AL6XN™*, Hastelloy™* Alloy 20, C-22, C-276, Alloy 200, 400, 600, 601, 625, 800, 825, 904L, 2205, 254SMO, Titanium, Aluminum, Brass, Copper

Industries served

 Pharmaceutical, Biotechnology, Nutraceutical, Food, Beverage, Wine, Cosmetic, Chemical, Fine Chemical, Dairy, Oil and Petrochemical, Pulp and Paper, Semiconductor, Munitions, Utilities, Wastewater Processors, Refrigeration, Architectural and Construction Firms

*HASTELLOY® is a trademark of Hanes International, Inc.; AL-6XN™ is a trademark of Allegheny Ludlum









Field Services Division

720 N. Cedarbrook Ave. Springfield, MO 65802

Phone: **417.863.0077**

Email: fieldservices@hollowayamerica.com

Toll-Free: **866.659.0077**