

Custom Industrial Manufacturing

Fossil and Nuclear Power *Meeting Your Manufacturing and Delivery Requirements.*

COMPLIANCE



- ASME Section III
- N, Class 1, 2, 3 & MC Vessels
Class 1, 2 & 3 Piping Systems
- NPT, Class 1, 2, 3 & MC
- Compliant with
 - ASME NAQ-1
 - 10 CFR 50 Appendix B



- ASME Section VIII,
Divisions 1 & 2
- National Board

QUALITY ASSURANCE PROGRAMS

- ISO 9000 Compliance
- ASME Section VIII
- NQA-1 Compliance

FOREIGN CODES and CERTIFICATION

- SQL - China
- GOST - Russia
- CE/PED - EU
- MOL - Japan

NIAC Membership



Our Experience

Artisan has a 68,000SF, fully integrated production facility with an extensive range of engineering, welding, manufacturing, machining, and assembly capabilities to support our customers in meeting their manufacturing, scheduling, and delivery requirements.

- Steam Control Valves
 - High Pressure
 - Severe Service
 - Steam Conditioning
- Pressure Vessels
- Piping Components
- Nuclear Waste Reduction
- Surge Tanks
- Storage Tanks

By integrating engineering and manufacturing, Artisan has optimized manufacturing processes thus yielding reduced lead times and improved product quality.

Established Fabrication Program

- Heavy welding
- Stellite welding
- Surface hardening for nitriding, etc.
- Non-destructive testing: VT, PT, MT, RT, Hydro and vacuum testing
- In-House ASNT, Level III and AWS CWI's
- Precision machining
- Designing
- Process and product development
- Prototyping

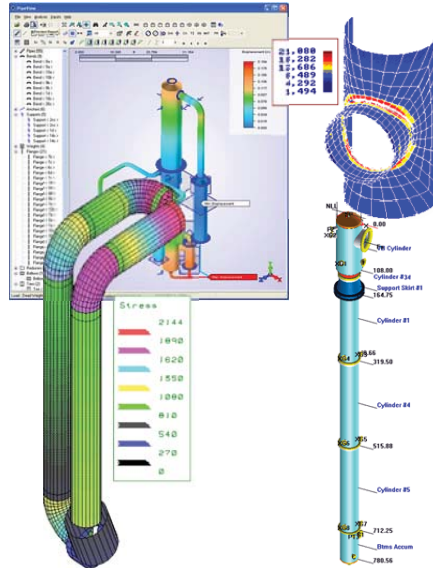




**ARTISAN
INDUSTRIES INC.**

Since 1934

Extensive Design & Fabrication Expertise



From design concept through prototype testing, Artisan engineers can quickly find the most efficient solution. Our engineers have extensive experience in structural steel design and analysis. We build pre-assembled custom structures to support equipment. We also conduct in-depth reviews of existing structures for flexibility and strength prior to equipment delivery.

- CAD/CAM and drafting
- Custom pressure vessel design services
- Vibration analysis services
- Structure design and calculations
- Thermal stress, piping design, and FEA analysis
- Computational Fluid Dynamics

You can rely on us to find design & fabrication solutions that less experienced companies cannot

VALVE COMPONENTS

- Stems
- Strainers
- Desuperheater
- Plugs
- Seats
- Diffuser
- Cage Bodies
- Bolting
- Yokes
- Shafts

RAW MATERIALS

- Chrome-moly
- Stainless Steel
- Carbon Steel
- Aluminum
- Inconel®
- Hastalloy®
- Monel®

EQUIPMENT

- Weld machines (SMAW, GTAW, SAW, GMAW, FCAW)
- 11 Weld positioners up to 25TN capacity
- 8 CNC machining centers
- Vertical turret lathes (104" swing)
- 9 Lathes (32" swing, 144" centers)
- Fork lifts up to 15TN capacity
- Cranes (1TN, 5TN, 14TN, & 33TN)
- Local Post Weld Heat Treatment Equipment

Section VIII & Section III

Software Tools

- Piping Analysis**
Bentley Auto Pipe Nuclear
- Seismic Analysis**
Bentley STADD Nuclear Finite Element Analysis
- Structural Analysis**
Bentley Auto Pipe Nuclear
- Computational Fluid Dynamics**
Ansys CFX
- Drafting 2D**
AutoDesk AutoCAD 2010
- Drafting & Design**
AutoDesk Inventor 2010
- Project Scheduling**
Microsoft Project 2010
- Pressure Vessel Design Section VIII Div. 1 & 2**
Codeware Compress

Industries Served

Complete integrated problem solving, engineering, design and manufacture of custom equipment and systems for the following industries:

- Chemical
- Petro-Chemical
- Pharmaceutical
- Nuclear Waste
- Food
- Power Generation

Partners:
CEES (Columbia Energy Environmental Services)

Partial Customer List

- US DOE & DOD
- DuPont
- Exxon
- General Electric
- Honeywell
- Idaho National Lab
- Pfizer
- UOP
- US Navy
- M.I.T.
- Masoneilan
- Rust Utilities
- Westinghouse, SC

44 Campanelli Pkwy
Stoughton, MA 02072-3704
P (781) 893-6800
F (781) 647-0143

www.artisanind.com