

FABRICATION SERVICES

ProEnergy's Fabrication Services execute projects for industrial customers around the world, as well as close to home. ProEnergy manufactures, retrofits, installs and tests a variety of steel products used in construction, operation and maintenance for industrial customers in manufacturing, food processing, fuel refining, material handling, water treatment, and chemical/petroleum refining processes.

PROENERGY'S FABRICATION SERVICES INCLUDE:

Welding

- Alloy Welding
- Mechanical
- Pipe Welding
- Structural Steel Welding
- Duct Work
- Process Modules & Skids
- Mobile Welding Rings for Field Work
- Stainless Steel

Cutting

- Plasma Cutting Custom Parts
- Custom Shearing
- Custom Bundle Cut Structural Items with or without Compound Miter

Metal Bending and Shaping

- Stainless and Mild Carbon Steel
- Custom Metal Braking
- Custom Rolled Plate Steel
- Custom Bent Steps and Pans
- Full Service Job Shop Capabilities

Qualified Welding Procedures for the Following Processes

- Shielded Metal Arc Welding (SMAW)
- Gas Tungsten Arc Welding (GTAW)
- Gas Metal Arc Welding (GMAW)
- Flux Cored Arc Welding (FCAW)

Independent Third Party Destructive and Non-Destructive Testing

- RT Radiography Testing
- MT Magnetic Particle Testing
- PT Liquid Penetrant Testing
- UT Ultrasonic Testing
- VT Visual Testing
- PMI Positive Material Identification
- ET Electromagnetic Testing
- NRT Neutron Radiographic Testing
- VA Vibration Analysis Testing
- LTM Laser Testing Methods

Pipe Fabrication and Installation

- ASME B31.1 Power Piping
- ASME B31.3 Process Piping

- ASME B31.5 Refrigeration Piping
- ASME B31.8 Gas Transmission & Distribution Piping
- ASME B31.9 Building Services Piping
- ASME STS-1 Steel Stacks

Installation of Control Devices

- ASME CSD-1 Controls & Safety Devices for Automatically Fired Boilers

Fabrication of Code Vessels

- ASME Section VIII, Division I Unfired Pressure Vessels

Equipment Capabilities

- High Definition Plasma Table 12' x 35' Cutting Deck
- 250 Ton x 12' Brake Press
- 12' Plate Shear
- HYD-MECH Bundle Cut Band Saw with Mitering Capabilities
- 10' Hydraulic Plate Roll with Capabilities to Roll Up to 1/2" Plate

Certifications and Professional Registrations

- Pursuing ISO 9001.2000 Certification by 2008

Code Stamps

- ASME S-Stamp
- ASME U-Stamp
- NBIC R-Stamp

Commitment to Quality Control & Quality Assurance

- Quality Planning
- Quality Objectives
- Management Review
- Corrective Action Emphasis
- Preventive Action & Continual Improvement
- Data Analysis
- Document & Data Control
- Supplier Evaluation
- Internal & External Auditing

