

Modern Pressure Vessels

ASME Section VIII, Division 1 Construction



Modern Welding Company, Inc.

Toll Free: (800) 922-1932

Phone: (270) 685-4400

modweldco.com

ASME Pressure Vessel Certification



Modern Welding Company subsidiaries are ASME Code, "U" stamp approved. This certifies Modern Welding Company to fabricate Section VIII Division 1 pressure vessels. In addition to these, Modern Welding Company has "R" stamp certification to perform repairs and alterations to boilers and pressure vessels as issued by the National Board of Boiler and Pressure Vessel inspectors.



Learn more about
ASME Pressure Vessels



Technical Service

Modern's staff has in-house ASME code verification software with FEA capability, which gives you the best fabricated pressure vessel for your investment.

Drawings are developed using AUTOCAD by Autodesk, computer aided drafting, for accuracy and clarity.

Modern has an up-to-date library of certified weld procedures for both ferrous and non-ferrous metals. These procedures consist of SMAW, GMAW, GMAW-S, GMAW-P, FCAW-G, FCAW-S, SAW & GTAW welding processes.

Modern can also develop new Weld Procedure Specifications (WPS) & Procedure Qualification Records (PQR) to meet the customers vessel welding requirements.



Training

Modern's in-depth welder training program is conducted by an AWS Certified Welding Educator. This assures skilled craftsmen who are educated and familiar with the latest welding technologies. Training is also extended to our quality control inspectors with certification performed in accordance with ASNT, American Society for Non-destructive Testing.



Testing and Examinations

All nondestructive examination is supervised by our in-house Level III technician and AWS Certified Welding Inspector.

NDE Examinations Offered:

- Magnetic Particle Examination (MT)
- Liquid Penetrant Examination (PT)
- Radiographic Examination (RT)
- Ultrasonic Thickness Testing (UTT)
- Ultrasonic Examination (UT)
- Visual Examination (VT)

NDE Examinations Offered:

- Charpy V-Notch Impact Testing
- Dimensional Inspection
- Hardness Testing

Additional Services Offered:

- Visual Examination
- Blasting & Painting – Interior / Exterior
- Fireproofing Support Installation
- Insulation Support Installation
- Internal Demister / Tray Installation
- Nitrogen Purging
- Pickling / Passivation
- Shipping Saddles Manufacturing
- Skid Manufacturing



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Subsidiaries Nationwide

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