

Sperko Engineering Services Inc.

Description of Services

Sperko Engineering Services, Inc. provides specialized service to designers, purchasers, fabricators, manufacturers and users of metal in commercial and industrial applications. The following services are available:

WELDING ENGINEERING SERVICES

- Preparation of Welding procedures meeting ASME and AWS Code Requirements
- Cost effective programs for welding procedure qualifications.
- Cost-cutting welder qualification programs.
- Code compliance assured for ASME Section IX, AWS B2.1 and AWS D1.1.
- Optimization of welding processes, procedures and equipment for minimum fabrication costs
- Welding equipment and process troubleshooting.
- "Hands-on" Welder and Welding Operator training, specializing in MIG and Flux core.
- Review of welding procedures for technical adequacy and Code conformance.
- Welding equipment calibration services
- Welding test coupon preparation
- Welder Testing
- Welding Smoke and Fume control and removal consultation

TRAINING SERVICES

- Conduct training programs in the use of ASME Section IX the ASME B31 Piping Codes and other ASME and AWS Codes
- Conduct "hands on" training of welders in all processes with special expertise in FCAW and GMAW.
- Conduct training of inspectors for visual examination of piping and pressure vessel welds
- Conduct training of Engineering and inspection personnel in the use of ASME Section III and VIII and ANSI B31 requirements regarding materials and fabrication.
- Conduct courses in welding technology.

OTHER ENGINEERING SERVICES

- Preparation of Quality Assurance Programs for ASME Code Stamp Certificates and for National Board "R" stamps
- Selection of materials for corrosive and other service applications
- Evaluation of supplier capabilities to fabricate vessels and piping
- Piping System Design, Analysis and Failure investigations.
- Pressure Vessel Design per ASME Section VIII.
- Storage Tank Design per API 650
- Assistance in obtaining interpretation and modification of ASME Codes
- Evaluation of Existing Piping, Pressure Vessels and Storage Tanks for Continued Use
- Expert witness In Welding and Materials Technology
- Failure investigations involving Welds, Corrosion, Brittle, Fracture, Fatigue, Wear. Cracking

Sperko Engineering Services, Inc.
4803 Archwood Drive
Greensboro, NC 27406 USA
Phone: 336-674-0600
Fax: 336-674-0202
e-mail: sperko@asme.org
www.sperkoengineering.com