

Welding & Fabrication



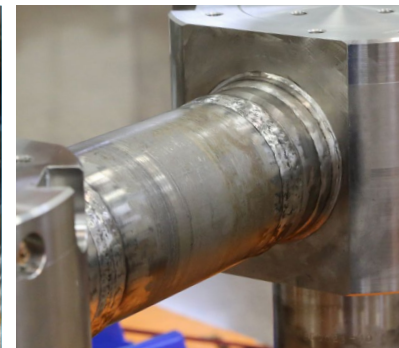
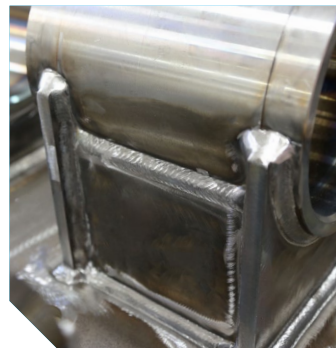
DSTI's certified welding team specializes in complex structural assemblies and high pressure piping components for a large variety of base metals.

DSTI is ISO 9001 certified, offering a wide range of precision welding and fabrication services for defense, aerospace, oil and gas, medical and other industries where quality assurance documentation is required.

With experience in Gas Metal Arc Welding (GMAW), Flux Core Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), and Shielded Metal Arc Welding (SMAW), our certified welders take pride in their work for consistent, high-quality and dimensionally accurate fabrications, day after day.

Our in-house engineering expertise, CWI personnel, code specific PQR-WPS creation, knowledge of materials, a wide procurement network, in-house machining, fabrication, assembly and testing as well as a dedicated project management team allows us to provide an optimized overall package to our clients no matter the size or scope.

- + Welding Procedures Certified To Codes Including ASME IX, AWS, DIN, API, B31.1, B31.3, ABS, DNV, NACE, & Others
- + Certification Packages Upon Shipment Including: Base Material MTR's, Weld Filler MTR's, WPS Records, Welder Qualifications, Calibrations, Welding Operator, Stress Relief, Non-Destructive Testing, Pressure Testing, & Coating Systems To Customer Requirements
- + Close Tolerance Complex Weldments With CMM Dimensional Quality Checks
- + Distortion Control Fixtures For Consistency Of Final Deliverable Weldments
- + Machining Of Pre-Weld Piece Parts & Final Dimensions Post Weld
- + In-Process Examinations & NDE Certification Reports
- + Welding Positioners Up To 6,000 Lbs
- + Material Handling Up To 15,000 Lbs



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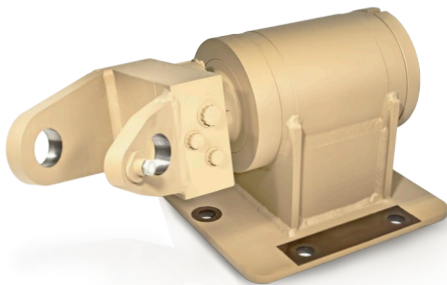
Below are some examples of recent welding projects completed by DSTI.



Welding Process: Gas Tungsten Arc Welding (GTAW)
Welding Certification: API 6A, API 7K, API 8C, ASME B31.3 High Pressure, DNV ES101, ABS
Material: 4130 PH Steel
Application Pressure: 10,000 PSI



WELDING PROCESS: Gas Tungsten Arc Welding (GTAW) & Flux-Cored Arc Welding (FCAW)
WELDING CERTIFICATION: ASME B31.3 High Pressure
MATERIAL: 4130 PH Steel
APPLICATION PRESSURE: 10,000 PSI



WELDING PROCESS: Gas Metal Arc Welding (GMAW) - Pulse
WELDING CERTIFICATION: AWS D1.1
MATERIAL: A514 Steel
APPLICATION PRESSURE: Statically Loaded



WELDING PROCESS: Gas Tungsten Arc Welding (GTAW) & Flux-Cored Arc Welding (FCAW)
WELDING CERTIFICATION: ASME B31.3
MATERIAL: Carbon Steel
APPLICATION PRESSURE: 200 PSI