

JOB POSITION:

Welding Engineer with Weatherford International

POSITION DESCRIPTION: To provide welding engineering consulting services for engineering, manufacturing, and quality departments at various Weatherford locations. Conduct welding engineering projects to enhance the function, profitability or marketability of Weatherford products. Develop, qualify and provide technical expertise with procedures and welding techniques to support the fabrication of Weatherford equipment.

DUTIES & RESPONSIBILITIES INCLUDE:

Analyze engineering designs for welding requirements.

Has responsibility of coordinating multiple projects and directing outside test laboratories and contract welding facilities.

Plan, conduct, track and report welding engineering investigations.

Review subcontractor welding procedures, processes and documentation in order to determine that applicable welding code and design requirements are satisfied.

Oversee welding procedure qualification and generate welding procedures to assist manufacturing and welding personnel.

Investigate new developments in the field of welding to evaluate their possible application to improve or remedy existing welding processes.

Provide welding engineering support to Engineering, Quality and Manufacturing to fabricate equipment in accordance with all applicable code and customer requirements.

Provide technical support with industry standards and specifications such as ASME Boiler and Pressure Vessel Code, AWS, API, CSA, ISO and NACE.

Coordinate failure analyses and root cause analysis on welding related issues.

SKILLS & KNOWLEDGE:

Essential	<ul style="list-style-type: none">• Proficient in use of computer work processor and spreadsheet software.• Ability to communicate effectively both orally and in writing through memos and engineering reports.• Understanding of mechanical and structural components as it relates to welding engineering assessments and recommendations.• Must be able to work well with others in a team setting.• Ability to work independently.• Must be able to effectively handle many concurrent projects.• Knowledge and practical experience of common welding processes such as SMAW, FCAW, GMAW, GTAW and SAW..• Experience in welding carbon and low alloy steels, stainless steels and nickel-based alloys.• Fundamental knowledge in NDE; ability to categorize & quantify weld defects.
Preferred	<ul style="list-style-type: none">• Knowledge or experience in the Oil and Gas Industry.• Knowledge of laser and friction welding processes.• Knowledge of quality systems.• NDE experience.

MINIMUM QUALIFICATIONS:

Essential	<ul style="list-style-type: none">• B.S in Welding Engineering or related discipline.
Preferred	<ul style="list-style-type: none">• 2 – 5 years experience in welding engineering.• Licensed Professional Engineer or AWS Certified Welding Engineer status.

For immediate consideration, please submit resume to william.howie@weatherford.com