

Intermediate Mechanical Engineer

Introduction/Description:

Intelligent Wellhead Systems (IWS) is currently seeking a full-time, permanent Intermediate Mechanical Engineer to join our team in Calgary. IWS designs, tests, manufactures, and deploys proprietary and unique digital safety and efficiency workflow technologies for oil and gas well completion operations. The company's inVision™ Technology Platform helps oil and gas and oilfield service companies reduce operating risk, lower the total cost of operations, and improve uptime. IWS, a privately owned technology and services company, is backed by Pason Systems Inc. ("Pason") (TSX: PSI). www.intelligentwellheadsistemas.com

IWS is seeking a highly motivated and experienced Intermediate Mechanical Engineer to support our Engineering department in Calgary, Alberta. Reporting directly to the Director of Engineering, the candidate will work closely with a multidisciplinary Engineering team, enhancing our flagship product. The ideal candidate will have prior oil and gas experience plus 4-6 years' experience designing and building mechanical equipment for. The candidate will be challenged to learn and master IWS technology while working in a team environment.

Ideal Candidate:

- See qualifications below

Key Responsibilities:

- Integrate and work closely with a team of engineers and programmers designing and building control and automation equipment for oil and gas applications
- Create mechanical designs and machining drawings, work with machine shops to get the designs built
- Knowledge of GD&T for mechanical drawings, calculating tolerance stacks, and have good judgement on manufacturing tolerances for fit and clearance
- Excellent knowledge of metal manufacturing techniques (Cutting, bending, welding, etc). DFMA (design for manufacturing and assembly)

- Part inspection, QA/QC on manufactured parts. Skilled at using hand tools to take measurements and build assemblies
- Produce consistent, complete, and accurate drawings of assemblies and components. Maintaining/organizing a library of CAD models and part numbers
- Take an idea to research stage, then to prototyping then to testing then to field testing and finally into manufacturing stage
- Design drawings for operation manuals, patent documents and field procedures. Write assembly, maintenance, and QC procedures for various equipment

Qualifications/Experience:

- Bachelor's degree in mechanical engineering
- 4-6 years' experience designing and building mechanical equipment, with 3 or more years' experience designing and building equipment for the oil and gas industry
- Strong experience working with machine shops, 3D printing, material selection, load rating, stress analysis, etc.
- Strong experience with SOLIDWORKS is a must
- Ability to travel 20%
- of the time to equipment sites in the USA, travel on short notice may be required for emergency repairs
- Ability to work in a team environment, positive and professional attitude with a passion to learn and grow
- Ability to handle multiple projects simultaneously while maintaining deadlines

Nice-to-Have Experience:

- Experience working with hydraulic and pneumatic systems is an asset
- Experience with 3D printing is an asset

Position/Work Location: 7633 57th St SE Calgary, AB, T2C 5M2

Salary: Beginning at \$100,000.00/yr

Benefits: Excellent benefit pkg, casual dress, on-site parking

Schedule: M-F, day shift

Supplemental Pay Types: CIP