

Job Title: 3D Design Engineer

Reports to: *Engineering Manager*

Company Profile:

DynaWinch Industries is an Original Equipment Manufacture of oilfield service equipment, specializing in the Wireline Service Industry. The DynaWinch Trade-Mark is recognized in Canada and around the world as a Brand of superior quality equipment. Our manufacturing team's commitment to quality built equipment and expertise in our field have allowed for continued growth and expansion. Located in Calgary, our modern 42,000 sq ft manufacturing facility allows us to service both domestic and international clients.

Position Summary:

The Mechanical 3D Designer is part of the engineering department designing and drafting team creating 3D models of equipment and engineering drawings for shop production. This position reports to the Engineering Manager.

Position Responsibilities:

- Participate in engineering department planning sessions
- Interpreting engineering briefs or sketches into final designs
- Create 3D models in Solid Works
- Identifying the shortfalls of information in the 3D models
- Apply and demonstrate sound 3D design solutions to all work
- Expand 3D model internal library
- Provide engineering design and technical support to various projects
- Identify, recommend and implement improvements to equipment design, facilities design, engineering process, etc.
- Provide regular reporting to Lead Engineer on project progress and status of outstanding issues
- Ensure that technical documentation related to project design and shop fabrication is properly maintained in a systematic manner
- Provide ongoing coaching and training in 3D modeling to other department technical staff
- Liaise with other departments to provide one consistent point of contact assign to each projects
- Regular meetings with Engineering department to ensure all projects are understood by impacted teams

Position Qualifications & Skills Requirements:

- Post Secondary education, a Technical Diploma in engineering designing and drafting
- Specific training with Solid Works 3D software
- Experience in an engineering manufacturing environment
- Experience in designing of oilfield mobile service equipment is considered an asset
- Experience in designing wireline service equipment is considered a definite asset
- **4+ years experience with Solid Works 3D software**
- Ability to co-ordinate technical and engineering activities including prioritization of work and rapid response to critical issues
- A balance of innovative thinking, good listening skills and pragmatism
- Strong interpersonal skills including ability to work effectively with various people including tradesmen and technical personnel
- Experienced and effective at maintaining technical documentation
- Demonstrated ability to apply good thought processes and technical practices
- Working knowledge of applicable codes and standards
- Strong oral and written communication skills
- Excellent computer skills;
 - AutoCad
 - Complete MS suite of Office software
 - Solidworks

Salary range: Competitive Salary Based on Experience
Annual bonus - based on achievement of the company's forecasted goals
Benefits offered: Extended Health Care - 80%
Dental (Basic Service) - 80%

If you have a proven track record in 3D designing and you are interested in joining a team that will give you autonomy and room for growth please submit your resume in confidence.

We thank all applicants for their interest; however only those selected for interviews will be contacted.