

RGL CAREER OPPORTUNITY

Senior Design Engineer

RGL is seeking a Senior Design Engineer to apply their expertise to lead product development and design projects for internal and/or customer requirements. The role is integral to the business and product development teams. This key role includes designing, innovating, simulating, drafting, manufacturing prototypes, analysis and testing. The Engineer will work as the project manager for assigned engineering projects and will track progress, including cost management, on time delivery, and internal reporting. The Engineer will assist with process development and documentation, as well as internal and external audits.

Status: Immediate

Terms: Full Time hours 8am to 4:30pm. (some overtime dependant on projects)

Location: Edmonton, AB (Leduc Business Park)

Compensation: Salary based on qualifications, plus bonus potential and benefits.

Responsibilities:

- Design and develop new and innovative RGL products in the capacity of a design engineer, by completing concept designs, detailed designs, manufacturing drawings, 3D modeling, material selection, prototypes, validation tests, and running procedures.
- Mechanical design and engineering, including Solidworks™ modelling and drafting.
- Creation of new Intellectual Property.
- Support and/or Lead the Engineering test department, performing test setups, executing test procedures and completing reports.
- Review and approve designs and drawings of the Engineering team. Both in a group setting and on individual basis.
- Perform the role of Project manager for various projects (customer, internal or research).
- Meet with Business Development (BD) and when appropriate, with clients, to gather the needed input specifications for development projects.
- Provide engineering support to operations and business development teams, as required.
- Perform Finite Element Analysis studies on various RGL products and designs.
- Teach, train and communicate sand control research information, testing, results and understanding across the organization.
- Conduct in-depth research and review on competition products related to sand control, functions and fundamentals using sound engineering judgement.
- Product support to Operations and Manufacturing.
- Assist with product sales drawings for both Engineering and BD (internally and for customers).
- Other duties as assigned
- Work within and promote the HSE and QMS policies and practices.
- Some travel may be required.

Senior Design Engineer (continued)

Education, Experience, Skills and Abilities

- Bachelor's degree or higher in sciences or engineering or equivalent experience.
- 15+ years' experience in a related area or equivalent.
- Mechanical design and Manufacturing processes experience, with demonstrated mechanical aptitude.
- Experience in an industrial environment and/or a lab environment would be assets.
- Must be able to demonstrate experience in Completion Downhole tool design.
- Sand control and flow control knowledge would be considered an asset.
- Drilling, Completions and/or Production engineering knowledge would be considered assets.
- Drilling, Completions and/or Production field operations knowledge would be considered assets.
- Knowledge of ISO 14998, API 11D1, API 14A and ISO 17824 considered an asset.
- Competent in FEA software from Solidworks™ or ANSYS and experience with modeling in Solidworks™, an asset.
- Experience with collaborative product development and engineering teams.
- Member in good standing, or eligible for membership, with APEGA.
- Excellent verbal and written communication skills.
- Exceptional problem solving and analytical skills.
- Ability to handle high level of confidentiality regarding product information.
- Excellent planning, time management, communication, decision-making and organizational skills.

Submit your resume and cover letter to hr_resumes@rglinc.com by March 31, 2019.