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Job Outline for Mechanical Engineer

July 8, 2019

S3 Manufacturing is a dynamic team focused on bringing capacity, convenience and efficiency to clients. Every project, from small widgets to fully assembled equipment is approached with a long term commitment to quality and value in every detail. Currently operating as a division of S3 Manufacturing, the S3 Air Systems team designs and manufactures custom pneumatic solutions for farm equipment applications.

The Mechanical Engineer will work as part of a team developing cutting edge pneumatic systems for agricultural and industrial applications. This team creates solutions from the basic concept through prototyping and testing stages, up to and including preparing the new product for production engineering.

Job Overview:

- Extensive research
- CFD Analysis
- Project Management
- Modeling and Drafting, using Solidworks and AutoCAD
- Working with customers in various locations, including overseas
- Design of new product
- Analysis of test data
- Designing test simulators
- Finite Element Analysis, (FEA)
- Fabricating prototypes, hands-on
- Testing in field conditions and on simulators

Requirements:

Preference is given to candidates with experience in manufacturing and/or farm industry and equipment.

- Mechanical Engineering degree, or related training with at least 5 years of relevant experience
(i.e.: Eng. Tec. Diploma with applied experience in equipment design)
(Preference will be given to P.Eng)
- Working knowledge of SolidWorks and CFD, (preferred)
- Proven troubleshooting abilities and problem solving skills
- Project management experience
- Innovative design aptitude
- Ability to work alone and as part of a team
- Clear communication practices in English, in both verbal and written format
- A valid Canadian passport and driver's license

Why Work With S3?

Challenge, variety and opportunities to grow are characteristic of every position at S3. We also provide:

- Competitive salary
- RRSP
- Advancement opportunities
- Comprehensive benefits package
- Educational & wellness allowances
- Challenging, respectful work environment

Please apply by email to careers@S3mfg.com.