

JOIN OUR TEAM

# MECHANICAL ENGINEER

Pushing the limits of technology has made USNR the premier global supplier of wood processing equipment. Ongoing employee training and technological upgrades ensure USNR is at the forefront of the industry. We actively seek talented individuals to help continue our tradition of innovation and market leadership.

USNR is looking for talented, self-motivated individuals to join our Mechanical Engineering team at our Salmon Arm, BC location. Entry level, intermediate, and senior level candidates will all be considered. The Salmon Arm facility is focused on the design and manufacture of lumber handling equipment for our worldwide customers.

## RESPONSIBILITIES

- ▶ Designs product assemblies and component parts for complex mechanical equipment.
- ▶ Customizes product line to suit the customer requirements in a project-based environment.
- ▶ Completes detailed manufacturing packages, including fabrication and machining drawings, and associated bills of materials.
- ▶ Completes engineering calculations & analysis as required (strength, motion, fatigue, power)
- ▶ Reviews technical data, measurements and catalogue specifications, and translate this information into appropriate designs and products.
- ▶ Reviews related equipment and market requirements to make design modifications for continuous product improvement.
- ▶ May prepare circuit diagrams, schematics, drive lists.
- ▶ May participate in research and development of new product applications.
- ▶ Interacts with internal groups (Controls Engr, Optimization Engr, Service & Manufacturing) to ensure designs and specifications meet the company's integrated needs.
- ▶ Assists customers and field service personnel with start-up commissioning and troubleshooting.
- ▶ Interacts with customers, vendors, project managers and peers to gather requirements and facilitate completion of projects.
- ▶ Occasional travel to customer sites to finalize project requirements or assist in commissioning equipment is required.

## REQUIREMENTS

- ▶ Degree in Mechanical Engineering or a Mechanical Technologist Diploma with experience.
- ▶ Experience in the design, analysis, and drafting of machinery
- ▶ Working proficiency in SolidWorks (primary) and AutoCad
- ▶ Strong written and verbal communication skills
- ▶ Specialized Skills in one or more of these areas is an asset: hydraulics, pneumatics, drives, fabrication and machining processes, materials, robotics
- ▶ Sawmill industry or material handling experience is an asset.

USNR offers an excellent team-oriented working environment with comprehensive benefit programs. Please submit resume in confidence to:

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**USNR**