

Employer: Novid Inc

www.novid.ca

Job Title: Product Engineer

- **Location:** 190 Second Ave, Rosenort, MB, Canada (On-site with hybrid / partial remote flexibility)
- **Department:** Engineering
- **Employment Type:** Full-time
- **Starting Wage:** \$65,000.00 - \$95,000 per year (Starting wage dependent on qualifications)

About Us

At Novid, we design and manufacture high-quality, long-lasting liquid and dry storage tanks and bins. Based out of our facility in Rosenort, Manitoba, we are known for our innovative engineering and premium stainless steel solutions for the agricultural, industrial, and commercial sectors. We pride ourselves on a collaborative, high-ownership culture where engineering directly impacts our manufacturing floor and the customers who rely on our products.

The Role

As a Product Engineer, you will bridge the gap between design concepts and physical manufacturing. You will own the product lifecycle for liquid storage tanks and custom structural equipment from engineering calculation to production release. In this role at our Rosenort facility you will collaborate with our engineering team, sales team, production teams, and shipping teams, for focused design and development of products.

Key Responsibilities

- **Lead Design:** Develop, model, and refine structural designs for stainless steel tanks, and liquid handling systems, with consideration for functional use, manufacturability, and shippability.
- **Master Solidworks Modeling:** Advanced creation of Solidworks 3D models and configurations to manage complex, customizable product lines and variants efficiently.
- **Create Production Documentation:** Generate detailed product drawings, accurate manufacturing shop drawings, and comprehensive Bills of Materials (BOMs).
- **Manage ERP Data & Documentation:** Execute precise ERP entries for part numbers and BOM and routing structures, and compile all necessary supporting documentation for the production floor.
- **Support Manufacturing:** Work directly with the shop floor to troubleshoot fabrication issues, optimize weldments, and streamline the assembly process.
- **Perform Structural Analysis:** Conduct structural calculations, FEA, and fluid pressure analysis to ensure product integrity and compliance.
- **Estimating:** Calculate accurate material, labor, and production costs for custom client requests to help the sales team build quotes.

What We Are Looking For

- **Experience: 3+ years** of mechanical or structural engineering experience in a physical manufacturing or fabrication environment.
- **Technical Mastery:** Expert proficiency with Solidworks (3D modeling, large assemblies, configurations, and FEA) and high degree of competence with Microsoft Excel.
- **Systems & Data Literacy:** Competence in data entry, managing revisions, and structuring data within an ERP system. Working with data from tables to create tools for data analysis.
- **Industry Knowledge:** Strong understanding of metal fabrication, welding symbols, sheet metal processing, and structural steel.
- **Location & Commute:** Ability to reliably commute to our facility in Rosenort, MB for on-site collaboration.
- **Education:** Bachelor's degree in Mechanical Engineering or a related technical diploma with equivalent experience.

Skills

- Ability to map and follow through projects to completion
- Ability to present in front of stakeholders and customers
- Computational and algorithmic thinking
- Balance ongoing requests for updates, emergencies and scheduled projects
- Excellent oral and written communication
- Attention to detail and organizational aptitude
- Ability to work alone and within a team environment

We offer an inclusive compensation program consisting of a competitive salary, health benefits, life, disability and critical illness insurance as well as a clean work environment.

If you meet these qualifications, please submit your resume by applying to:

Jenn Rzesnoski
 Director of People and Culture
 Rosenort, MB, Canada
 Office: 204-746-6843
 Fax: 204-746-8480
 jenn@novid.ca

We thank all applicants who apply, however, only those selected for an interview will be contacted.