Novid Inc. is a leading manufacturer of stainless steel tanks, recognized for our commitment to quality and innovation. We are seeking an API Tank Designer and Project Manager to take full technical, operational, and documentation ownership of custom storage tank assets. In this role, you will span the entire project lifecycle—working closely within a multi-disciplinary team environment while maintaining the independent drive to estimate pre-sale designs, execute precise API-compliant mechanical engineering, manage project milestones, and compile final quality documentation packages for our clients.

We are currently accepting applications for the position of

- **API Tank Designer and Technical Project Manager**

Starting wage of $96,000.00+ (Starting wage dependent on qualifications)

THIS IS A HYBRID ROLE, REQUIRING 3 DAYS/WEEK IN OFFICE LOCATED IN ROSENORT, MB

Key Responsibilities

Pre-Sale Estimating & Sales Consultation

- Evaluate incoming project requests and translate client process parameter sheets into reliable material, labor, and engineering estimates.
- Advise the sales team on quoting strategies, providing technical insight regarding code complexities, design limits, material alternatives, and cost drivers.
- Provide technical leadership during the bidding phase to ensure engineering risk is minimized and cost estimates align with production capabilities.

Post-Sale Project Management & Design Execution

- Take complete ownership of the project immediately following contract finalization, managing all schedules, deliverables, and engineering milestones.
- Execute detailed mechanical designs for atmospheric and low-pressure storage tanks in strict compliance with API 650 and API 620 standards.
- Perform structural calculations utilizing industry software for shell thickness, wind girders, roof structures, seismic anchors, and nozzle configurations.
- Serve as the primary technical liaison for the client during and post-sale, steering technical clarifications and managing scope changes via clean change orders.

API Modified Quality Management System (QMS)

- Enforce complete material traceability, systematically organizing, verifying, and pairing Mill Test Reports (MTRs) with structural plates and components.
- Govern inspection procedures, establishing standardized protocols and compiling formal reports for all internal quality verification gates.
- Coordinate third-party inspections (TPI), acting as the primary point of contact for external inspectors, aligning schedules, and integrating independent verification reports.
- Integrate customer-specific quality requirements, mapping unique customer specifications and testing protocols directly into the project's quality plan.

Closeout & Document Control

- Compile and review the comprehensive final documentation package at the end of each project lifecycle.
- Transmit all relevant project deliverables to the client, including stamped final design drawings, calculation reports, internal/third-party inspection records, and verified MTR traceability logs.

Required Qualifications & Skills

- Professional Designation: Active Professional Engineer (P.Eng. / PE) license is mandatory.
- Experience: 2 to 5 years or more of direct, hands-on experience designing steel storage tanks under API 650 and API 620 guidelines.
- Teamwork & Autonomy: Strong ability to collaborate seamlessly within a team environment while remaining highly self-motivated to drive independent project goals without constant supervision.
- Project Management: Proven project management skills with the ability to own schedules, track milestones, and execute deliverables seamlessly from start to finish.
- Core Software: High proficiency in SolidWorks and AMETank for modeling and mechanical design execution.

- **Productivity Suite:** Solid Microsoft Office skills (Excel, Word, Outlook, Project) for tracking documentation, generating metrics, and managing project spreadsheets.
- **AI Integration:** Ability to leverage modern AI tools to accelerate documentation workflows, draft engineering procedures, optimize summaries, and streamline day-to-day administrative tasks.

Benefits:

- Competitive salary starting at $96,000/year depending on experience
- Extended Health benefits including vision & dental
- Pension plan and a clean work environment.
- Employee Assistance Program
- Employee Events

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

Jenn Rzesnoski
Director of People & Culture
Rosenort, MB

jenn@novid.ca

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