



Pressure Vessel Engineering Designer

We are currently looking for a **Pressure Vessel Engineering Designer** to join our Vessel Engineering Group.

As a member of the Vessel Engineering Group, you will work independently to produce designs/calculations, advance requisition long-lead items, and prepare AutoCAD drawings and bills of materials necessary to issue jobs to the production staff. You will troubleshoot problems as they arise and work together with shop floor personnel to develop innovative and cost-effective solutions. You may also provide sales support by preparing preliminary designs for equipment in accordance with customer specifications.

The successful candidate will be hands-on, mechanically inclined and have up to 5 years of experience with AutoCad in designing Shell & Tube heat exchangers and/or pressure vessels.

Location: Toronto

Role Specifics

- Pressure Vessel Design - Translate detailed Code calculations and sketches into fabrication drawings and bills of materials
- Design equipment to optimize fabrication time.
- Prepare detailed manufacturing drawings and instructions.
- Prepare bill of material and issue material requisitions to purchasing department with SAP software.
- Monitor assembly of Vessels in CIMCO manufacturing facility.
- Liaise with multiple CIMCO departments, customers, and suppliers.
- Participate in Continuous Improvement /Lean Manufacturing meetings.

Required Professional Knowledge, Skills & Qualifications

- Post-Secondary Degree/Diploma or equivalent.
- Good working knowledge of AutoCAD.
- Familiarity with SAP software.
- Able to accurately model Pressure Vessels and Shell & Tube heat exchangers.
- Exposure to manufacturing processes
- Familiarity with ASME Boiler & Pressure Vessel Code Section VIII Division 1 & TEMA Code
- Knowledge of Heat transfer and fluid flow
- Ability to work alone or in a team and accept responsibility for the work performed.
- Ability to schedule work, deal with conflicts and meet deadlines.
- Ability to read and understand technical specifications.
- Ability to document engineering design, prepare record files.
- Ability to troubleshoot problems.

Company Profile

CIMCO specializes in the engineering, design, manufacture, installation and service of complex thermal building solutions for industrial, process cooling and recreational refrigeration and mechanical systems. For more than 100 years, CIMCO's leadership and unparalleled research, development and manufacturing programs has put us at the forefront of industry advancements and technological breakthroughs. Our professional engineers, technicians and designers apply innovative state-of-the-art equipment and refrigerants to develop systems that meet even the most

complex thermal challenges.

We offer excellent compensation and benefits, including Pension Plan, Share Purchase Plan, Medical, Dental, Fitness Benefits, Flexible Hours, Career Development Opportunities, Mentoring and Continuing Education.

If you or someone you know is interested in this opportunity, please forward your resume via email to CimcoHR@Toromont.com. We thank all applicants for their interest, however, only those selected for an interview will be contacted.

CIMCO Refrigeration is an equal opportunity employer who recognizes and values diversity. Upon request, CIMCO Refrigeration will accommodate any applicant with disabilities throughout the recruiting processes, including any required applications, interviews and/or assessments.