



Mechanical Engineer / System Designer

We are currently looking for a **Mechanical Engineer / System Designer** to join our Package Engineering Team. This team is involved in the detailed system design of leading edge Commercial, Industrial & Recreational refrigeration packages.

The successful candidates will have up to 5 years' experience with SolidWorks and AutoCad in designing Refrigeration and/or Mechanical systems on a commercial or industrial scale.

Location: Toronto

Role Specifics

- System Design - Mechanical design aspects of the various types of refrigeration systems in Industrial and Recreational applications.
- Prepare 3D SolidWorks model and flow diagram in AutoCAD of system, based on known dimensional constraints, jobsite and customer requirements.
- Establish design and operating conditions for equipment to be used in refrigeration systems.
- Confirm component selections: pumps, compressors, motors, heat exchangers, pressure vessels, control valves.
- Design routes and piping to refrigeration standards while permitting ease of manufacturing/servicing.
- Prepare detailed manufacturing drawings and instructions.
- Prepare bill of material and issue material requisitions to purchasing department with SAP software.
- Supervise assembly of refrigeration systems in CIMCO manufacturing facility.
- Liaise multiple CIMCO departments, customers, and suppliers.
- Participate in Continuous Improvement /Lean Manufacturing meetings.

Required Professional Knowledge, Skills & Qualifications

- University Degree/Diploma in Mechanical Engineering or equivalent with emphasis on Mechanical Design.
- Good working knowledge of SolidWorks platform with minimum of 3 years of experience with SolidWorks Routing and Weldments modules.
- Good working knowledge of AutoCAD.
- Familiarity with SAP software.
- Able to accurately model refrigeration, structural & piping components.
- Familiarity with basic refrigeration circuit.
- Exposure to steel, stainless steel, and copper piping, tubing & fitting nomenclature, standards and material specifications.
- 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.
- Willing to explore and implement new ideas.
- 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.