



HVAC Automation Controls Engineer

CIMCO is looking for a regular full time **HVAC Automation Controls Engineer** for the Corporate Head Office in Downtown Toronto. This role will appeal to you if you have a passion for the planning and coordination of technical design and engineering implementation of project work with other internal and external groups

The successful candidate will have a solid background in HVAC automation programming and design, field instrumentation and control systems design. Required as well, demonstrated implementation expertise in all of the following project phases; Requirements documentation, detailed design generation, system programming, HMI design, system integration, on-site start up and customer training.

Location: Downtown Toronto

Role Specifics:

- Design, configuration, integration and implementation of automation solutions for variety of HVAC and refrigeration systems.
- Create, implement, test and document DDC code and HMI interfaces.
- Integrate with other automation systems and devices using various communications protocols.
- Specify and order instrumentation.
- Develop control panel schematics using Electrical AutoCAD.
- Update estimates to reflect final design for billing.
- Manage automation projects as assigned.
- Monitor progress of projects and maintain costs within budget.
- Install, test, and start-up control systems on-site.
- Train operators and engineers on control systems.
- Occasional travel is required.

Require Professional Knowledge, Skill & Qualifications:

- Bachelor's degree in Electrical Engineering, Mechatronics Engineering or equivalent combination of education and technical experience.
- Minimum of five (5) years' experience programming and starting up HVAC automation systems.
- Thorough knowledge of instrumentation and control systems.
- Experience working with a variety of control systems including DDC, DCS and PLCs preferably with Johnson Controls, Honeywell, Siemens or Distech.
- Experience with Allen-Bradley or other PLC software and hardware an asset.
- Experience designing and programming control systems with emphasis on HVAC systems.
- Ability to work with plant engineers, external vendors and end-users to manage projects.
- Ability to troubleshoot control systems from the field element up through operator interfaces and databases is essential.
- Experience with control system networking protocols and PC networking technology.
- Experience with Visual Basic scripting an asset
- Excellent written and verbal communication skills.
- Strong interpersonal skills and the ability to work in a team environment.
- Ability to work effectively in a fast paced multi-tasking environment.

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.