

SENIOR CONTROLS TECHNICIAN

Founded in 1996, Select Tool is a leading manufacturer of high quality and innovative solutions to valued customers worldwide. We are a full-service provider of Automation, Special Machines, Turn-Key Productivity Systems, Specialty Tooling, and Checking Fixtures.

We control our value chain from concept to completion, thus offering many professional development and personal growth opportunities to our team members, as well as greater value and capabilities for our customers.

We value our team members, which is why we offer excellent wages, comprehensive benefits & RRSP program along with a great work environment, clean and modern facilities, and a driving desire to continue to be the best at what we do.

Job Description: Designs and develops all aspects of electrical control systems, equipment and machinery. Will be responsible for the development, installation and technical support of PLC based hardware and software.

Reporting to: Controls Engineering Supervisor

Primary Duties and Responsibilities:

- Design, program, test and start-up of equipment
- Design controls systems using AutoCAD
- PLC and HMI program development using multiple types of software such as Rockwell, Siemens or Omron
- Design of networks such as DNET, ENET, Profibus, Profinet, Remote I/O, IO Link
- Design of safety systems using integrated safety PLC's or safety processors such as PILZ or Banner
- Develop controls design components Bill of Materials
- Work with purchasing and suppliers for product selection and cost-effective controls solutions
- Robot programming – Fanuc, ABB, Nachi
- Configure Robot I/O
- Robot Path teaching and Optimization
- Communicate and troubleshoot with end users
- Maintain a project schedule keeping projects moving forward and on-time
- Manage open issues and lessons learned documents
- Specification of Vision Components, Programming and Tuning of Basic Vision Systems
- Programming and Troubleshooting of Ultrasonic Welding Systems
- Work with other department personnel to facilitate good communication between departments
- Promote and contribute to a continuous improvement culture
- Lead the commissioning projects
- Mentor Junior Controls Technicians
- Other duties as required by Select Tool Management

Skills & Experience:

- Electrical trouble shooting background
- Familiarity with VFD's and servo systems
- Strong problem-solving skills
- Ability to read mechanical and electrical assembly drawings
- 2+ years of related experience
- Proficient with Microsoft office products

Requirements:

- Ability to work in fast paced / team environment
- Valid Ontario Driver's license and Canadian Passport
- Ability to travel to and within Canada, USA and Mexico
- Excellent verbal and written communication skills.
- Follow all Health and Safety procedures

Education:

- Electrical Technology Diploma or Bachelor's Degree in Engineering

Accessibility: Select Tool is committed to fostering a positive work environment and empowering its employees. Select Tool encourages applications from all qualified applicants and provides accommodations for applicants with disabilities. Please contact hr@selecttool.com if you require an accommodation during the recruitment process.