

**SENIOR CONTROLS TECH**

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**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 site locations for machine start ups
- 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](mailto:hr@selecttool.com) if you require an accommodation during the recruitment process.