



PLC Programmer

Company Overview

TS Manufacturing, a local family-owned manufacturer of Automated Machinery for the Sawmill & Material Handling sector, based in the scenic City of Kawartha Lakes. As an industry leading manufacturer, TS Manufacturing has continually improved its facilities and infrastructure leading to the completion of a multi-million dollar facility and equipment expansion culminating in the expansion of its 70,000 square foot manufacturing facility. With modern technology, and a strong global customer base we require people who are willing to take advantage of the opportunities to improve our processes and customer experiences throughout the organization including Electrical System Designer/PLC Programmer. In this role, you will get the opportunity to work with customers on almost every continent worldwide; as well as occasionally interfacing with engineering staff at one of our 3 other facilities worldwide – including New Zealand, and North Carolina. Currently Celebrating 49 years in business with an experienced multi-generational team; TS Manufacturing offers a rural based lifestyle, while working in a global reaching, pandemic essential business; offering competitive pay and benefits.

Job Description

The successful candidate will program and develop machine software for custom automated industrial equipment and production lines. We are looking for highly motivated PLC Programmers who can program from scratch through to final commissioning, and remote service support. In addition, these professionals must have an excellent understanding of Electrical, Control, Mechanical, Pneumatic, and Hydraulic systems. They also will need to travel globally and at times with short notice. The candidate will be an integral part of controls teams in Canada, US and New Zealand. Office time will be spent at our design office in Lindsay, Ontario. The field of PLC Programmer includes a wide range of projects related to Bulk Material Handling Projects and/or Sawmill, Lumber Handling Machinery and R&D Projects.

Key Duties Include*

- Read and understand electrical schematics using AutoCAD Electrical and printed field drawings.
- Collaborate with Mechanical, Fluid Power, Electrical and Controls teams from Kick-Off through to final commissioning of site(s).
- Programming of Allen Bradley (ControlLogix and CompactLogix) using RSLogix and Studio 5000 software suite.
- Design, Program and Implement operator interfaces and HMI's using Allen Bradley's Factory Talk software.
- Must have excellent understanding and practical knowledge of various motor control applications including Starter/Overload combinations, Soft Starters, Servo Drives, and VFD's.
- Setup and configuration of CIP Motion applications for stand-alone and coordinated systems
- Must have understanding and the ability to setup and configure industrial networks - Ethernet/IP.
- Automated Industrial Machinery PLC Logic Design and on-site commissioning.
- On-Site/remote support Troubleshooting and commissioning of Hardware including;
 - Motor Control Panels, Consoles etc.
 - PLC's
 - VFD's
 - Servos
 - Digital/Analogue Field Devices and IO



- Specialty sensors and Scanners
 - Actuators, Motors, Encoders etc.
 - Machine Vision Systems
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- Provide onsite project support when required which includes startup, debug and commissioning. Must be able to travel with short notice. (International travel) - (travel will be required on occasion).
 - Participate in Remote Service Support of sites. This includes being scheduled for on call support of new and existing installations on a rotational basis with the controls group.
 - *Depending on the candidates' strengths – may vary slightly

Desired Skills & Experience

- College diploma as a minimum or equivalent industry experience.
- 2 years minimum experience working with automated industrial equipment and production lines. Working Experience in automation or electrical design is required.
- Excellent comprehension of PLC's, programming, and related hardware within the Rockwell Architecture (Allen Bradley Products preferred).
- Ability to work in a multi-disciplinary team (both internal and remote), including mechanical, electrical, control, fluid power, and CAD support.
- Solid knowledge of electrical field devices. – limit switches of various types, encoders, scanners, etc.
- Excellent understanding of motor control, servos and VFDs etc.
- Experience in Autodesk AutoCAD 2019 or later, and Microsoft Office is an asset.
- Excellent verbal and written communication skills. Must be able to communicate with Project Managers, Site/Office and Sales Teams on a regular basis.
- Ability to work extra hours to ensure a successful project when required.
- Self-motivated, driven individual with excellent problem-solving skills, responsible for the completion of task at hand and to be a positive ambassador to our client base.
- Working experience and understanding of automated industrial mechanical systems is a significant asset.
- Organized, self-regulated and excellent time management skills required.

Interested applicants can submit their resume, in absolute confidence, to Careers@tsman.com.

Applicants are encouraged to view our website at www.tsman.com

What we Offer

Working with TS Manufacturing is a unique chance to take part in a growing company with projects all over the world. Our family oriented company ensures that you are not just a number, but a part of that family, where you are a part of an industry leading team of people all after a common goal. To be the best.

All TS Employees are offered:

- An opportunity to be part of a fast-paced, energized and rewarding team environment
- Competitive hourly wage, with X1.5 OT after 40 hours/week



- Company sponsored Pension Plan
- Health and Dental Benefits
- Company sponsored parties and social gatherings
- Ability to live and work in the Heart of the Kawarthas

Locale

TS Manufacturing is [located right in the centre of the Kawarthas](#). Just over 60 minutes to the GTA, and in close proximity to Hwy 115 and 401, Peterborough, Toronto, and all major Ontario Cities - they are easily within reach providing options for those who prefer the big city amenities, as well as those who prefer the small-town easy-going pace. For more information about Lindsay and the surrounding area, please visit <http://www.explorekawarthalakes.com>.

If you think you should be a part of our engineering, trade or sales team for the mission above, email your resume with cover letter, detailing why you should be working for TS Manufacturing, to:

Email: Careers@TSman.com