

# Electrical Controls Designer

Sanyo Canadian Machine Works is an industry leader in the design, build and commissioning of robotic welding and assembly equipment for the automotive industry. We offer a full range of inhouse service from concept, through design to build and installation/on-site services.

We are hiring a full-time Electrical Controls Designer to complement our existing Controls department.

## Duties:

- Creating electrical drawings using AutoCAD Electrical;
  - Hardwire schematics
  - IO drawings
  - Box layouts
  - Cable pin charts
  - Cable layouts
  - Connection diagrams
  - Network layouts
- PLC, SPLC & HMI programming using various software packages.
- Commissioning new equipment;
  - debugging electrical control circuits
  - debugging PLC/HMI programming
  - wiring
- On-Site start-up and support of equipment at customers facilities.

## Qualification:

- Technologist Diploma or Engineering Degree in a related field is required.
- Familiar with Automation Control in Automotive Industry.
- Knowledge of Omron, Mitsubishi and Allen-Bradley PLC is beneficial
- Fanuc, Nachi, Motoman, or variety of Robot teaching is beneficial

## Requirement:

- Using AutoCAD Electrical
- Knowledge/Experience of PLC, SPLC & HMI
- Ability to work under dead line pressure
- Ability to travel to customers' site for installation and commissioning.
- Weekend/shutdown/holiday installation required.
- Valid Drivers License

**Benefits: (Employer Paid)**

- Extend Health/Dental and Vision Care
- Life Insurance and AD&D, STD and LTD (after three months)
- RRSP Match
- Tuition Reimbursement
- Yearly Christmas Party and Golf Tournament
- Discretionary Bonus

**Schedule:**

- Day shift
- Monday to Friday
- 8:00am to 4:30pm
- Weekend and Statutory Holidays when required

**Contact:**

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