



## **EMPLOYMENT**

### **Electrician - Industrial Controls / Electrical Construction**

We require a highly motivated, certified electrician who will enjoy a diversified career. This is a unique opportunity which may involve electrical construction, machinery installation, electronics, PLC programming and running a service vehicle.

At I.C.I. Electrical Services Inc., we realize that the strength of our organization comes from the quality of our people. We provide a workplace environment that is challenging and fast-paced, and at the same time welcoming and supportive. Career development is actively encouraged through exposure to a wide range of activities.

Join a team of highly skilled, energetic, and creative individuals who contribute to the success of I.C.I. on a daily basis.

### **RESPONSIBILITIES:**

#### **Machinery Installation:**

All aspects of machinery installation including control wiring, power wiring, commissioning, and troubleshooting.

#### **Control Wiring:**

Read and interpret various electrical schematics. Design control circuits, layout back-plates, front panel cut-outs, properly identify wiring and other components, terminate wires in a neat, reliable and repeatable manner. Design and create electrical schematics in CAD.

**PLC's:**

Wire and troubleshoot I/O. Program, monitor and modify ladder logic in Allen Bradley PLC's. Troubleshoot PLC's from various manufacturers.

**Drives:**

Install, wire and troubleshoot AC, DC and Servo Drives. Program, tune and document parameters.

**Pneumatics:**

Read and interpret pneumatic drawings. Install valves, cylinders, regulators, flow controls and related components. Troubleshoot and repair pneumatic components.

**Construction:**

Read and interpret electrical drawings. Calculate loads and conductor sizes. Installation of transformers, grounding, panelboards, switch-gear, services and feeders. Install EMT, Rigid and Flexible conduit in a professional and efficient manner.

**Travel:**

Travel to various sites within the GTA and occasionally to other sites within the province.

**Miscellaneous:**

- Reliably arrive to work by 7:30 a.m. and work through to 4:00 p.m.
- Available for overtime when required.
- Available for on call service work when required.
- Available for occasional weekend work.
- Consistently and accurately completes all paperwork including work orders and time sheets.
- Make independent decisions while able to follow directions and comply with company policies.

## **REQUIREMENTS:**

- The successful candidate must be a licensed Journeyman Electrician.
- Have completed a 5 year Canadian apprenticeship.
- Have 4 or more years experience working as a Journeyman Electrician.
- Have a sound understanding of the Ontario Electrical Safety Code.
- Proficiency in basic electronics, relay logic & solid state components.
- Proficiency in installing and troubleshooting AC / DC motors and controllers & making adjustments to obtain proper operation.
- Proficiency with computers and Windows operating software.
- Proficiency with Allen Bradley RS Logix 500 / 5000
- Proficiency with Ethernet networking.
- Proficiency of reading and understanding electrical & pneumatic blue prints and schematics.
- Able to adapt to new technologies and environments.
- Must be able to lift up to 50 lbs.
- Must work well under time constraints.
- Knowledge of workplace safety.

## **SALARY:**

\$ 30.00 / hr.

Plus Overtime.

Plus 4% vacation pay.

Plus generous Benefits package.

If you are qualified for this opportunity, please send your resume to K. Benevento via email: [info@icielectrical.com](mailto:info@icielectrical.com)

Or by fax: 416-798-4504

Please visit our website: [www.icielectrical.com](http://www.icielectrical.com)

I.C.I. Electrical Services Inc. would like to thank everyone for considering this opportunity; however only the most qualified candidates will be contacted.