

## **Electrical Engineering Technician**

*\*\*Contract position for 6 months full-time with possibility of extension\*\**

PyroGenesis Canada Inc. (PyroGenesis) is a leader in the field of plasma-based environmental technologies and has provided plasma waste to energy systems and/or sub-components to some of the most prestigious organizations in the world.

In addition to its own plasma torches, the company has developed two main environmental technologies. The PAWDS (Plasma Arc Waste Destruction System) technology was developed in collaboration with the U.S. Navy for the destruction of waste onboard aircraft carriers. The PRRS (Plasma Resource Recovery System) technology is used for converting a wide array of waste types into energy and construction products.

The company offers a rewarding work environment, possibilities of promotion and a complete benefits package.

This person will be responsible for the wiring activities of various electrical systems, as well as the preparation of wiring diagrams. More specifically,

- Assembling and wiring control cabinets and systems (processes)
- Cabling between different control cabinets
- Connecting the instruments to the control panels
- Connection of various instruments (thermocouples, digital and analog)
- Conduct conceptual plans and make recommendations
- Plan work and meet deadlines
- Prepare electrical wiring diagrams
- Reading and interpreting assembly diagrams,
- Read and interpret electrical diagrams and general mechanical planes.
- Read and interpret process diagrams.
- Assemble, spin and wire programmable logic controllers, frequency inverters and other control systems,
- Check that assembly and wiring meet customer specifications and quality standards (ISO 9001)
- Electrical distribution wiring of different systems OFF
- Assist Automation Technicians and Electricians.
- Perform other duties as required by the immediate supervisor and for which the person is qualified

### **EDUCATION & QUALIFICATIONS:**

- DEC in Electrical Engineering Technology or related field
- Ability to work in teams as well as individually
- Bilingual (written and spoken French & English)

### **EXPERIENCE:**

- At least 3 years experience in the industry as an assembler-panel wireman