Position Title: Electrical, Instrumentation and Controls Technician

Position Location: Waterdown, ON

Posting Date: Feb 13, 2026 **Deadline Date: March 13, 2026**

Job Overview

Sun-Canadian Pipe Line Company Ltd. is a safety-minded team transporting refined petroleum products through Southern Ontario. We are looking for an experienced Electrical, Instrumentation and Controls Technician to join our team. This role will provide support for day-to-day maintenance activities which includes troubleshooting and operation of pipeline assets such as pumps, motors, valves, actuators, instrumentation and measurement equipment. Other responsibilities may include assisting with preventive maintenance equipment repairs, overhauls, outages, spare parts inventory management and any issues that may arise along the pipeline system.

Key Accountabilities

- Troubleshoot and repair a variety of high and low voltage distribution systems as well as control systems (PLC / DCS) faults,
- Troubleshoot and resolve field issues by reading through hardwired relay / PLC / DCS logic
- Troubleshoot and resolve issues with field electrical, instrument (electronic, pneumatic, hydraulic) and control devices.
- Configure settings and calibrations of electrical and instrumentation equipment such as densitometers, RTDs, pressure gauge, turbine flow meters etc
- Execute preventative and predictive programs / assignments for electrical and instrument systems
- Assist in the execution of existing PM plans,
- Provide feedback on bad actors, repetitive failures, preventive maintenance effectiveness, equipment strategies and asset criticality assessment.
- Gather and present data to support investigation of Root Cause Failure Analysis (RCFA), equipment breakdowns and asset obsolescence / replacement plan.
- Co-ordinate with stakeholders on parts, consumables and equipment for a required scope of work.
- Field visits as part of a routine day to support work at any SCPL facility from Sarnia, ON to the GTA (North York)
- Adhere to Sun-Canadian Safety Programs, Standards & Policies.

Experience

- Minimum of 5 years' refinery or industrial maintenance related experience (post apprenticeship)

Education Level

- Successful completion of a community college program as Electrical Technician / Technologist or equivalent international credentials
- 442A Electrician Certificate
- Certificate in 447A Trade and experience in Instrumentation trade in addition to 309A or 442A Electrician Certificate would be preferred

Required Skills

- Sound knowledge of testing, troubleshooting, maintenance of high to low voltage systems (Transformers, HV Cables and cabling/conduit systems, Motors, Generators, Breakers, Starters/Contactors, MCCs, Automatic transfer schemes, Protective relays, VFDs, UPS etc.)
- Fully knowledgeable in grounding and bonding requirements
- Able to troubleshoot electrical and instrumentation systems using various wiring and logic diagrams
- Sound knowledge of PLC / DCS hardware / operation / programming
- Sound knowledge field electrical and instrument (electronic, pneumatic, hydraulic) device settings and calibration
- Experience with fire/gas systems.
- High level knowledgeable of Ontario Electrical Safety Code (O. Reg. 777/21) OR Equivalent from other provinces.
- Ability to understand and interpret electrical and instrumentation codes, standards
- Strong analytical / troubleshooting / decision making skills backed by strong oral and written communication skills
- High level of computer literacy
- Ability to interact and collaborate effectively with other disciplines.
- Must have a valid drivers license in good standing
- Must be a self-starter and demonstrate the ability to make sound decisions while working with limited supervision and also in a team environment

In addition to rewarding job opportunities, we offer an attractive employee package, including:

- Competitive base salary, reviewed annually
- Annual incentive program
- Flexible benefits program
- Rewarding pension and savings plan with company matching
- Generous paid vacation time and personal time off to support a healthy work-life balance

Where you'll be working, your work schedule, and other important information:

- Based in Waterdown, ON, combination of office-based work, field-based work
- Regular 40 hours work week, Monday to Friday with overtime as required
- This role is expected to be a part of 24x7 on-call roster and to provide emergency support as required
- Regular travel required along the pipeline route (right-of-way; pump stations and terminals) which could mean variant weather, temperatures and working hours

To apply, please forward resume and cover letter to: info@sun-canadian.com

Or visit http://sun-canadian.com/careers/

We are an equal opportunity employer and encourage applications from all qualified individuals. We are committed to providing a diverse and inclusive work environment where every employee feels valued and respected. We will consider accessibility accommodations to applicants upon request.

NOTE: Technology may be used to conduct virtual interviews.

We thank you for your interest in Sun-Canadian Pipe Line. Due to the volume of applications received, only those selected for interviews will be contacted.