



Electrical and Automation Specialist Job Description

OUR MISSION: *Absolute / exceptional customer satisfaction is why we exist. We promote global sustainability by maximizing water recovery and minimizing chemical consumption / footprint. We are proud of our reputation as process water specialists in the industries we serve, and we support our technology long after installation by providing ongoing parts and service support.*

Position Summary

This position entails working with Programmable Logic Controllers, Human Machine Interfaces, and Electrical CAD schematics on our Electrical & Automation team to develop, integrate, and troubleshoot various automated Process Water Management control systems, both in the office/shop and on job sites. Our Electrical & Automation Specialist will be able to interpret electrical, mechanical, and process designs/drawings, integrate this information into the PLC/HMI control system, and troubleshoot & test the systems during Factory Acceptance and Site Acceptance Tests to ensure that all design requirements have been met. You will be working with several different PLC & HMI programming software platforms, and there will also be opportunities to do hands-on mechanical and electrical work, both in the office/shop and on job sites.

Benefits

- Health & dental insurance plans for you & your family
- Paramedical healthcare spending account
- Life & LTD insurance
- RRSP program with company match to 3%
- Competitive paid vacation package
- Education & tuition reimbursement program
- Discounted executive gym membership

Kontek welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

Key Responsibilities

- Perform system integration by testing system hardware, software, and various electrical/mechanical/process related components
- Analyzing and designing solutions to process control problems
- Designing, interpreting and troubleshooting electrical engineering drawings
- Writing/correcting PLC & HMI code
- Interpreting mechanical and process engineering drawings
- Perform on-site service work at various customer locations



Work Environment

Work is performed in office, shop, and on-site at customers' facilities. Must be able to travel to customer jobsites both domestically and internationally. All employees are required to follow safety standards and wear all personal protective equipment in designated areas.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential function of this job. While performing the duties of this position, the employee will regularly be required to walk, stand, use hands and fingers. Ability to lift and carry up to 50 lb on a regular basis is required.

Knowledge, Skills, Ability, Education, Experience:

- Experience with software including: Rockwell FactoryTalk View / RSLogix 500 / RSLogix 5000, Siemens TIA Portal (with WinCC and Step 7)
- Experience working hands-on with electrical wiring, mechanical assembly, etc.
- Strong problem solving and communication skills
- Ability to work well on a team and take initiative independently
- Excellent time management skills
- Experience with Solidworks and AutoCAD would be an asset
- Valid driver's licence
- Valid passport and ability to travel globally