



Job Description Ref 20 063

Title: Controls Designer

Purpose:

- To develop, and implement electrical control solutions

Role:

- Develop and implement a complete electrical control design package, which includes detailed schematics, cable routing diagrams, panel layouts, bills of materials, and material requisition forms, based on standard specifications and the customers' requirements.
- Work with Electrical Engineers in designing new and / or re-design improved methods/systems
- Establish test reports using statistical methods to achieve high performance and minimize costs
- Work with the project team to design a control system that will enable the machine to perform its intended functionality, safety, and reliability.
- Trouble shoot electrical circuits and machinery
- Integrate electronic equipment and components into electrical design package. Verify that the electrical design package is complete, accurate, and safe, based on sound design practices, accepted electrical codes regulations and standards.
- Liaise with suppliers to understand the application of their products and monitor technological trends
- Work with customers, designers, and manufacturing to solve problems, to provide the customer with a complete and functional system.
- Willingness to travel and work extended hours from time to time
- Other duties as assigned by your manager

Education and Experience:

- A degree in Electrical Engineering or BSEE
- 3-5 years' experience in designing electrical control systems and PLC programming
- Preferred experience programming Beckhoff PLC's using the TWINCAT software
- Experience in instrumentation and data acquisition hardware
- Working knowledge of CAD systems (preferably Zuken E3) for control designs
- Working knowledge of safety standards for control systems
- Ability to keep abreast of leading-edge technology

D & V Electronics values their employees. We encourage life-long learning and foster employee personal growth. If you're someone who enjoys working in a creative and innovative work environment, and would like to join our team, please submit your resume and covering letter to: careers@dvelectronics.com

We thank all applicants for their interest in our organization, however; only those selected for an interview will be contacted.