



Job Description

Electrical Controls Engineer

Purpose of Role:

Develop equipment concepts and schemes that can be constructed and commissioned safely and effectively. Produce general arrangements, material schedules, detail drawings, panel layouts, PLC, Servo, Robot and HMI code which are clear, accurate, cost effective, and meet the requirements of the specification.

Reporting to: Senior Electrical Controls Engineer

Primary Responsibilities/Activities:

- ◆ Produce technical information, drawings, BOM, PLC and HMI code, associated schedules, and documents, taking due account of H&S, ISO requirements, designs, specifications, and standards relating to the contract
- ◆ Testing and commissioning of the mechanical and/or electrical systems
- ◆ Deal with specifiers and/or suppliers/distributors
- ◆ Report problems and provide solutions, for deficiencies in the design brief
- ◆ Maintain competitiveness by ensuring drawings and software is produced within the durations indicated
- ◆ Ensure technical co-ordination with all other internal and external disciplines
- ◆ Ensure projects are delivered to timescale and budget
- ◆ Maintain all technical records throughout the duration of the contract
- ◆ Suggest solutions to problems based on an understanding of relevant technologies
- ◆ Visit customers on a world-wide basis, as required, to help achieve sales, support aftermarket, resolve problems, and Install & Commission machines
- ◆ Visit BLG Group companies on a world-wide basis, as required to support aftermarket, resolve problems, and test machines
- ◆ Ensure statutory and company procedures and practices are maintained
- ◆ Work with and support other departments to ensure business objectives are achieved
- ◆ Promote a safe working environment ensuring compliance with all current legislation
- ◆ Other duties as may be required

Key Performance Measures:

- ◆ Fit for purpose design concepts.
- ◆ Quality of technical solutions.
- ◆ Designs & solutions delivered within assigned budget constraints.

Competencies/Skills:

- ◆ Analytical
- ◆ Self starter
- ◆ Team player
- ◆ Highly motivated
- ◆ Customer focused
- ◆ Change and goal orientated
- ◆ Realistic and pragmatic approach
- ◆ Project management skills
- ◆ Ability to assess risk
- ◆ Good oral and written communication
- ◆ Attention to detail
- ◆ Highly computer literate
- ◆ Proactive



- ◆ Flexible
- ◆ Planning & organisation skills
- ◆ Problem solving capability
- ◆ Influencing and negotiating skills
- ◆ Good customer/supplier facing skills

Background/Experience:

- ◆ Educated to BSc level or equivalent
- ◆ 2+ years in a similar engineering related position
- ◆ 5+ years in electrical design, preferably in the packaging machinery sector
- ◆ Proven experience of using AutoCAD Electrical
- ◆ Experienced with PLC based switchgear and control systems, using RS Logix and Siemens
- ◆ Strong bias towards the programming & test of servo motion and robotic handling systems
- ◆ Working knowledge of CE Marking legislation
- ◆ Understanding of continuous improvement techniques
- ◆ Current driving license and passport, prepared to travel