

Company name Automated Production Ltd

Job title Controls Engineer

Department Controls

Location Verwood, Dorset

Reports to Operations Manager

Position Summary This position forms part of the Electrical Controls site function.

Main Responsibilities are, but no limited to: The Primary role of an Electrical Controls Engineer is to design and develop all aspects of the electrical control systems for bespoke automated machinery. Also responsible for the installation and technical support of PLC and Robot based hardware and software.

Main Tasks of the job but not limited to:

- Day to day interaction with the other members of the site manufacturing team(s)
- Effectively communicate with all seniority levels within the business and counterparts of the parent company
- Giving support and assistance where necessary to the machine building staff.
- Monitoring of the project(s) Controls element of the master planning to enable swift response(s) to timing slippages
- Understand and work to the project(s) timing and budget allocation
- Carry out swift problem-solving resolution with decisive decision making on Controls related issues.
- Work in a clean, organised and safe practice manner always following local and national legislation
- Check and maintain the standard administration protocols for software management.
- Flexible in the approach to tasks with the ability to follow guidance from other team members.
- Forward thinking with the desire to embrace new technologies.

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Position Specifications

- Must be disciplined and rigorous in the application of company and departmental standardised work.
- Be in good health and physically able to complete required tasks
- Literate and numerically competent
- PC Literate to include MS Word and Excel
- Maintain a good attendance record
- In depth process knowledge is advantageous

Required Specific Skills Set

Design

- Control circuit design for automated machinery
- Control panel design
- Using AutoCAD and/or EPlan Electrical
- Working to customer specifications
- Specification of electrical control components
- Constructing Bill of Materials
- Constructing technical literature
- Maintaining up to date knowledge of Machinery Directive

Practical

- Control panel construction
- Installing control systems on automated machinery
- Machine wiring
- Electrical fault finding
- Working with other engineers
- Installation and commissioning of systems in UK and overseas
- Supervise and where appropriate assist with final de-bug and testing of systems prior to dispatch.

Software

- PLC design, installation & commissioning
- HMI software design, installation & commissioning

- Working with vision, robotics, servo & pneumatic systems
- Development of automated systems

Desirables

- Rockwell Studio5000
- FactoryTalk View Studio ME & SE
- Siemens TIA Portal
- Omron Sysmac Studio
- Fanuc, Staubli, Yaskawa, Nachi, ABB Robots
- Functional Safety Specification

Education/Experience

- Minimum 5-10 years' in a similar position
- Relevant and appropriate Technical Qualifications

Salary

Negotiable depending on experience

Contract type

Permanent position

You can apply for this job by sending a CV & Cover letter to mwilson@automatedproduction.co.uk