



Job Title: Principal Control Systems Engineer

Reports to: Technical Manager

Location: Washington (NE10)

Eligibility: Must live and be eligible to work in the UK

Company:

Select Control Systems Ltd (SCS) specialises in electrical control panel design, build and test. Serving both local and multinational companies in food and beverage, oil and gas, energy, and machinery sectors. SCS's reputation for quality, efficiency and prioritising the long-term relationship makes us the go-to partner.

Due to increased work, sustainable growth, and forward planning of retirement, we are looking for an experienced Principal Engineer, who specialises in control and automation, takes full ownership of their work and has immense pride in the quality of their output.

SCS has been trading for more than 25 years, building strong and enduring relationships with customers and suppliers. Employees are taken care of, and we promote a progressive professional development program.

To be successful, you will be adept with the designing and drafting of industrial electrical control and automation systems – making customer requirements a reality. You will have a keen eye for detail and take pride in completing your work to a high standard.

SCS is part of the Fairley Gunn Group and has the collective vision *To Champion & Support British Manufacturing*.

Select's mission is *To give our customers confidence when powering on*.

Our Core Values are what set us apart and bring us together, it is important that we are aligned and resonate with our core values of:

Frictionless | Dependability | Responsiveness | Simplicity | Relationships

Role:

At Select we require a proficient Principal Control Systems Engineer. The role will suit electrical design engineers, control system engineers or automation engineers, who can take a customer specification, from an email/enquiry/phone call through to a complete bill of materials and working diagrams for the production and testing teams.

This role is to technically lead the engineering team and provide experience driven engineering input and guidance when required. Your knowledge and skillset will allow you to make decisions led by best practices, regulations, standards and respect to customers preferences.

This is a stable position within a key function of the business. Being the customer focal point for their project, taking it from concept to completion.

This role combines industrial electrical engineering, with control system design, with project management and would suit an experienced engineer who enjoys variety and can apply engineering principles to solve technical solutions.

- Permanent, full-time, day shift, factory/office based
- Core hours: Monday-Friday (37hr week) – 07:30-16:00 Mon-Thurs. 07:30-12:30 Friday
- Visiting customer premises (reviews, surveys, kick-off meetings etc.) (<1 a month)



Person:

- Person of integrity who always does the right thing un-observed
- A natural problem solver
- Apply technical knowledge to solve engineering problems
- Understands commercial aspects
- Committed and self-motivated
- Able to work to tight deadlines and can prioritise
- High quality expectations and likes things to be fully complete and right
- Punctual, professional and a company ambassador
- Meticulous, diligent and detail oriented
- Confident and not afraid to respectfully challenge or ask questions
- Good communication skills at all levels – verbal and written – especially customer facing

Main duties & Responsibilities:

- Ensure engineering output is technically and commercially correct and robust
- Ensuring engineering output satisfies the customer requirements and is on time
- Manage customer requirements
- Correct interpretation of customer requirements/specification/designs/drawings
- Creation and issuing of quotes to customers
- Liaising with customers and being the point of contact for quotes and their projects
- Liaising with the other Engineers to meet the workload demands and linking into production
- Responsible and accountable for the correct and safe low voltage control system designs
- Responsible and accountable for specification and bill of materials management
- Drafting/drawing of engineering drawings (schematics, layouts, harnesses etc.)
- Creation and control of engineering documentation (calculations, assessments, manuals, specifications etc.), reports, technical documentation, and certifications (as required)
- Communicating and supporting with the wider teams for problem solving and projects
- Involvement in production meetings, commissioning assistance, site remote support
- Quality assure your work as you go and actively involve yourself with peer reviews
- Undertake site visits/inspections for projects/upgrades/modifications etc. as required
- Managing and prioritising engineering workload to meet deadlines and company requirements
- Responsible for keeping own knowledge and skills up to date and relevant
- Contribute to the continuous improvement cycle with your expertise and experience
- Following through on works to completion and not leaving loose-ends



Package

- Competitive salary depending on experience (£40-60k)
- 26 days holiday annually
- Fully expensed travel as required
- Supported professional development
- Part of a growing group on an exciting journey to Champion & Support British Manufacturing
- Sick Pay

Experience & Qualifications

Essential

- o Experience of leading an engineering team and working well within an engineering team
- o Minimum of 10-years industrial electrical control system design, including BOM management
- o Minimum of 5-year industrial control panels – ideally heavy-industrial machinery
- o Minimum of 10-years with an electrical CAD package, drafting/drawing
- o Minimum of 10-years in a customer contact role
- o Minimum of 10-years producing quotes
- o Able to specify components to meet a design
- o Can read and interpret electrical schematics and diagrams
- o Can create technical and engineering documentation – technical writing
- o Machinery control system understanding and experience
- o Can work with wiremen, commissioning engineers, site engineers, management and the wider team
- o IT literate and can use MS365 suite such as Outlook, Word and Excel
- o Level 3 engineering or technical qualification or relevant experience
- o Appropriate engineering/electrical experience and training such as an apprenticeship or relevant experience

Desirable/Advantageous

- o Professionally registered with the Engineering Council as IEng or CEng
- o PLC software experience (writing and/or commissioning)
- o Functional Safety experience/qualification/registration
- o Mechanical engineering understanding and appreciation
- o HNC/degree in Electrical Engineering or similar