

## INTERNAL/EXTERNAL JOB ADVERTISEMENT

<b>Position:</b>	EC&I Design Engineer
<b>Hours of Work:</b>	Full Time – 37.5 Hours per week
<b>Department:</b>	Gas Engineering
<b>Reporting to:</b>	Lead E C & I Design Engineer
<b>Start Date:</b>	To be agreed
<b>Duration:</b>	Permanent

### **Remuneration Package:**

- Salary dependant on experience
- 25 days annual leave plus Statutory Bank Holidays
- SSP – in accordance with government regulations
- Company Pension Scheme - (after 3 months probationary period) - Company will match your contribution up to 6%
- Private Medical Insurance (after 3 months probationary period)
- Training is provided by the company along with supported career development.

### **Health care plan which includes the following:**

- 24/7 access to a doctor or counsellor
- Money back on regular health check-ups
- Claim back costs towards glasses, dental treatment, physio and more

### **Life Insurance which includes the following:**

- Death in Service 3 years of annual basic salary
- 3 months of redundancy cover from 2<sup>nd</sup> month of employment
- 24 hour GP access & mental health support
- Life, money, wellbeing & other additional support

**Holiday Flex:** Ability to buy an additional of 5 days extra holidays per year

**EV Scheme:** The option to lease an Electric vehicle which includes insurance, servicing & tyres through a salary sacrifice scheme.

## **Role Profile:**

You will be responsible for completing all assigned project tasks, conducting research, and writing reports. You should be able to understand and interpret design requirements and take initiative to come up with original ideas.

You will utilise knowledge and understanding to interpret and develop engineering drawings, data, and documentation in order to undertake the design of engineering systems. Such engineering systems include manufacturing, installation, testing, commissioning, fault diagnosis, maintenance, overhaul, and removal of electrical and data systems on engineering infrastructure.

This covers Low Voltage distribution, Extra Low Voltage Distribution, Control Systems, Instrument Monitoring Systems, sensors, transmitters, and auxiliary systems.

It requires knowledge and expertise in the use of common and specialist electrical equipment, machines and hand tools, and the use of a variety of computer aided design tools, measuring and diagnostic equipment and processes to ensure individual components and assemblies meet the required specification

To be successful as a Design Engineer, you should have a growth mindset and a commitment to lifelong learning. You should be highly observant, willing to assist wherever possible, and eager to readily engage with Engineers outside of their area of specialization

## **Minimum Qualifications/Experience:**

- Bachelor's degree in a relevant engineering discipline.
- IET BS7671 18<sup>th</sup> Edition
- Minimum 3 years previous experience in a related field.
- Knowledge of critical thinking and research skills
- Knowledge and best practice about relevant directives and guidelines - risk directives, quality assessment (ISO 9001)
- Strong analytical and mathematical skills.
- Excellent written and verbal communication skills.
- Microsoft office tools
- Knowledge of CAD to include use of AutoCAD, Microstation, EPLAN, AMTECH ProDesign, Dialux
- Superb time management and professionalism.
- A growth mindset and willingness to accept criticism.
- A valid driver's license may be required.
- Professional Registration (IEng, CEng) or in view.

## **Desirable Qualifications/Experience:**

- Professional Registration (IEng, CEng) or in view.
- Knowledge and best practice about directives - risk directives, etc
- Skilled in using hand tools.
- Panel FAT Testing
- Inspection and commissioning

- Programming / Data analysis skills
- Knowledge of Hazardous Area Design with COMPEX12 preferred.

## **Job Specification / Duties**

Duties detailed below but not limited to: -

- Contributing electrical and instrumentation technical knowledge and guidance to the design team.
- Interpreting and developing Electrical and Instrumentation design drawings; to include single line diagrams, block cable diagrams, loop drawings, layouts, hook ups and general arrangement drawings.
- Complete Electrical design calculations and documents; to include Amtech cable calculations and DiaLux lighting calculations.
- Complete Instrument design calculations
- Compile Electrical and Instrument design dossiers.
- Understanding project requirements and completing all duties assigned.
- Conducting research and site surveys.
- Observing health and safety regulations.
- Participating HAZOPS and other process safety reviews/events.
- General improvement, quality design, and risk management for electrical elements of the projects
- Active participation and collaboration with stakeholder, offering input into electrical design and installation.
- Participating in meetings and attending workshops and other training initiatives.
- Analyzing data and writing reports according to specifications.
- Maintaining Continuous Professional Development

## **Application requirements:**

Please apply by sending a covering letter and CV by email to Karen Taylor, at [K.Taylor@simkiss.co.uk](mailto:K.Taylor@simkiss.co.uk)