

Job Description

Job Title	Engineer, Electrical
Salary	£30,000 to £40,000 per annum
Location	Worcester

Purpose of the Role

To be involved in all stages of projects that would require your expertise, from design and implementation through to testing and maintenance. The day-to-day role will involve working as part of an internal team, customers and suppliers to create products, improve design and performance, or develop solutions to problems.

Key Responsibilities

- To advance the goals of the company by producing innovative and rigorous designs within the electrical engineering environment.
- To produce original designs, drawings and support documents.
- To update/improve existing designs, drawings and document packs based on investigation & research.
- The production of as-built drawings from systems surveys.
- To be involved with electrical systems liaison with customers, suppliers and internal departments to ensure that information is shared.
- To approve drawings against specified requirements.
- To provide in-house Portable Appliance Testing regime across the group sites
- To provide assistance to the production department when required.
- To share knowledge and skills within the team.
- To understand the health and safety requirements in own work area.
- Able to identify development areas and strengths.
- To participate in continuous professional development & keep abreast of best practice throughout the industry.

Competencies

- Good interpersonal and communication skills and ability to communicate and work with people at all levels.
- A basic knowledge of mechanical engineering principles.
- Confident in presenting to internal / external customers.
- Sound judgement and decision making ability.
- Ability to organise and prioritise a number of projects simultaneously.
- Ability to understand a customer's requirements and to build good relationships with customers.

Knowledge, Skills and Qualifications

- Knowledge of the principles and application of electrical design and manufacture together with practical manufacturing skills.
- Proficient in the creation of Electrical System drawings , Wiring or Block Diagrams and Microsoft Office tools.
- Knowledge of Visio, Solid Works Electrical 2d would be advantageous
- Knowledge of Wiring schedules and layouts, specification & design of panels, relay and PLC systems.
- Knowledge of System sizing calculations and component specification.
- Understanding of 400v AC to 12vDC systems.
- A degree or equivalent in Electrical Engineering.
- 18th Edition City & Guilds 2382-18 qualified.
- Qualified and competent in testing and inspection to City & Guilds 2391-52.
- Qualified and competent in PAT Testing.

Experience

- Previous experience of industrial and or vehicle electrical systems.
- Proven Electrical Engineering experience is essential in a heavily regulated industry.
- Experience in circuit simulation advantageous.

General

- The job holder will have a current driving licence.
- Ability to be flexible and work outside core hours on occasion.
- Regular travel to other Exsel Group and associated company sites.
- Willingness to suit Field Service Operations both Nationally and Internationally.
- Ability to work in the UK with no restrictions.
- Must meet security vetting criteria.