

# Vacancy for an Electrical/Electronic Design Engineer

Severn Glocon Technologies Ltd has an exciting opportunity for an Electrical/Electronic Design Engineer. You will maintain an active role within the multi-disciplinary design team, helping to drive our current technology forward to meet our customers' advanced project requirements in the oil, gas and renewable energy sectors. We undertake a diverse range of projects that will give the successful candidate the opportunity to contribute and add value, taking on various roles and responsibilities, from concept through to delivery.

## What are my responsibilities?

- To undertake engineering design and development tasks to the appropriate directives, standards and codes.
- To work as a member of the team, liaising with colleagues within the group, clients and suppliers whilst following existing design processes and practices and conforming to company standards.
- To participate in the preparation of technical documentation at all stages of the product life-cycle.
- To prepare technical and commercial quotations.
- To undertake assembly and testing activities as required including Factory Acceptance Testing (FAT).
- To participate in commissioning and Site Acceptance Testing (SAT) at customer facilities.

## What do I need to qualify for this job?

- A relevant engineering degree or HNC/HND.
- A strong electrical/electronic design background with an understanding of systems engineering.
- Experience of Electrical/Electronic CAD packages.
- Strong practical hands-on engineering skills.
- Demonstrate good problem-solving skills, show initiative and be decisive.
- Proficiency in MS Office - particularly Word and Excel.
- Ability to carry out clear hand calculations.
- Motivation, a willingness to learn and the ability to manage your own time efficiently.
- Good communication and interpersonal skills
- The ability to work well as part of a team.

In addition, it would be desirable for the candidate to be able to demonstrate experience in a number of the following areas:

- Industrial control panel design.
- Solidworks Electrical.
- CE marking.
- Control and process engineering.
- Electrical test and inspection.
- Draftsight/Solidworks.
- ATEX/IECEX (IEC 60079).

- Functional Safety (IEC 61511 & IEC 61508).
- Document control systems (Solidworks PDM).
- Design for EMC compliance.
- PLC systems.
- Power and drive systems.
- Machine build.
- 3-phase systems.
- IET Wiring Regulations (BS7671).

**Closing Date:**

**Applications, including CV and a covering letter, should be addressed to:** HR Manager, Severn Glocon Technologies Ltd, 6 Jon Davey Drive, Treleigh Industrial Estate, Redruth, Cornwall TR16 4AX

**Or can be emailed to:** [hr@severngt.com](mailto:hr@severngt.com)