



Electronics Design Engineer

Product Division

Exeter, Devon

Executive Summary

AnTech is rapidly expanding due to recent venture capital funding from Saudi Aramco Energy Ventures and Calculus Capital, and we have exciting opportunities for talented individuals to help us reach our objective of tripling the company's turnover in three years. Driven by people and technology, we are extending our reach globally with offices in the UK, USA and Saudi Arabia. We operate across two divisions, providing custom products to the upstream oil and gas industry, and offering a specialist directional coiled tubing drilling (DCTD) service.

Purpose of Your Role

The position entails working in the electronic engineering design and development areas of the business, engineering projects and tools from design concept through to manufacture and testing/assembly status. The role will need to interact and develop good professional relationships with all co-workers in order for all of our jobs to be done effectively. The business also relies on good supportive relationships with its vendors and clients for success.

Key Job Accountabilities

- Design of electronic/electrical equipment.
- Designing PCB layouts.
- Writing firmware/software.
- Assembly of electronic/electrical prototypes.
- Wiring of electrical assemblies.
- Purchasing specification.
- Engineering calculations, eg thermal management of electronics.
- Preparing quality assurance documentation in accordance with the QMS.
- Design and manufacture review with the Management Team.
- Assembly and despatch.
- Work-in-progress inspection.
- Dealing with clients' technical queries.
- Helping to train other employees.
- Writing of technical literature.
- Maintenance of technical files.

Qualifications Required

A 2:1 degree in Electronic Engineering or equivalent, with 2 or more years' experience preferred.

Essential Skills

- A keen and responsible attitude to work is essential and an ability to show initiative in all responsibilities and tasks.
- Numeracy, accuracy, attention to detail and the ability to follow through a task to its successful conclusion.
- The ability to learn and absorb new information and training.
- PCB CAD design tools eg. Altium.
- At least one firmware/software language eg. C (for Microchip processors ideally).
- Soldering (including high temperature) proficiency.

Knowledge of the following is desirable:

- Light precision mechanical and electrical assembly.
- Electrical systems and instrumentation.
- 17th Edition Wiring Regulations.
- An understanding of ATEX/ IECEx design principles.

On the job training will be provided for those skills that need to be developed.

AnTech Benefits

Competitive salary with 25 days annual leave pro rata, in addition to 8 paid bank holidays. Workplace pension.

What AnTech Looks For

- Employees with **integrity** and **capability** with a strong desire to **influence** the upstream oil and gas market.
- Ability to set **ambitious goals** and overcome obstacles to achieve them.
- A **passionate** approach to work with every day seen as an opportunity to **learn** and **improve**.
- Great **communication** to further build on the company's excellent reputation within the industry.
- A **collaborative** work ethos to continue to promote the AnTech culture of sharing of skills and expertise.

AnTech is proud to be an equal opportunity employer.

Please send your CV and covering letter (this should be directly linked to the job accountabilities and essential skills outlined on the job description) to jobs@antech.co.uk



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