



Electronics Design Team Leader

Exeter, Devon

Executive Summary

AnTech is a Sunday Times Fast Track 100 company and operates globally with offices in the UK, USA and the Kingdom of Saudi Arabia. We are a technology company operating across two divisions, providing products and services to the upstream oil, gas and geothermal industry. Due to our continued growth and drive to stay ahead of the market with new product development offerings, we are looking to recruit into our Electronics team.

Purpose of Your Role

As Team Leader of the electronics department, you will be instrumental in driving the direction of the electronics development within the company. You will report directly to the Head of Engineering, and work with the mechanical and software design Team Leaders to develop cross-disciplinary products. You will be accountable for budgeting and ensuring timely delivery of projects that fall under your remit. This will involve progress reporting to the Senior Management Team and presenting to external customers where required.

The Electronics department is at the heart of every stage of the project lifecycle, from concept design, prototyping and testing, to preparation for manufacture. In the role of Team Leader, the successful applicant will have the opportunity to pursue new challenges within cutting edge design projects including high temperature design, compliance with Explosive Atmosphere Standards (such as ATEX), instrumentation engineering and data science.

Key Job Accountabilities

- Design of electronic/electrical equipment including PCB layouts and writing firmware/software.
- Developing and coaching junior members of the electronics team.
- Approval and review of design work from your team.
- Purchasing specification.
- Creating BOMs inclusive of creating project budgets.
- Engineering calculations (for example thermal management of electronics).
- Preparing quality assurance documentation in accordance with the Quality Management System.
- Design review and project progress reporting to the Management Team.
- Supporting the Sales Team with clients' technical queries.
- Writing technical literature e.g. specifications, work instructions and manuals.
- Maintenance of technical files.
- Using AnTech's PLM database.

Qualifications Required

A 2:1 degree in Electronic Engineering or equivalent, with 3 or more years' relevant experience preferred.

Essential Skills

- Proven ability to successfully manage a team.
- Workflow and project management experience.
- A keen and responsible attitude to work and an ability to show initiative in all responsibilities and tasks.
- Numeracy, accuracy, attention to detail.
- The ability to follow through a task to successful conclusion.
- The ability to learn and absorb new information from a verity of resources.
- PCB CAD design tools (eg. Altium).
- Skills in at least one firmware/software language eg. C (for Microchip processors ideally).
- Soldering proficiency (including high temperature).

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.
- 3D printing.

AnTech Benefits

Competitive salary with 25 days annual leave pro rata, in addition to 8 paid bank holidays. Workplace pension, plus a host of additional benefits.

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.
- **Ambition** to step up and manage projects

AnTech is proud to be an equal opportunity employer.

Watch our Brand Video >> <http://www.youtube.com/watch?v=tHzPly6leFU>

