



Graduate Mechanical Design Engineer

Exeter, Devon

Executive Summary

AnTech is rapidly expanding 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 and USA. 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 engineering design and development area of the business, taking projects from design concept through to manufacture and testing/assembly status. You will report directly to the Engineering Manager for the scheduling of your workload. In your work you 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

- Product design using CAD techniques.
- Engineering calculations.
- Researching product requirements and developing specifications.
- Create and present sketches or models of initial design concepts.
- Performing validation tests (Function, vibration, temperature tests, also any other acceptance tests that are required.) Full training will be given
- Workshop engineering evaluation of design within industry standards.
- Design and manufacture review with the Engineering Manager.
- Purchasing specification.
- Dealing with clients' technical queries.
- Writing of technical literature.
- Maintenance of technical files.

Qualifications Required

Graduate

Degree in Mechanical Engineering or Industrial/Product design with a minimum 2:1 or equivalent.

Undergraduate

Working towards a degree in Mechanical Engineering or Industrial/Product design with a predicted minimum 2:1 or equivalent.

A-level mathematics minimum grade 'C' or equivalent.

Desired Skills

- Creative approach to mechanical engineering design.
- A keen and responsible attitude to work is essential and an ability to show initiative in all responsibilities and tasks.
- Ability to be creative in new product development.
- 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.
- The ability to communicate effectively with fellow employees and clients and to be flexible in all areas of the business are essential.
- Computer literate (Microsoft Word, Excel, Publisher, PowerPoint)
- Experience of CAD

Knowledge of the following is desirable:

- Autodesk Inventor
- Analysis with FEA tools
- Document control/PLM system