

Mechanical Design Engineer

About us

SCITEK Consultants Ltd is a Small to Medium-sized Enterprise (SME) based in Derby and has been in business for over 25 years. Our mission is to provide innovative R&D services to help develop and test our customers' products. Our portfolio includes countless projects for key players in the aerospace, rail, pharmaceutical industry and we are now increasingly engaging in projects in renewable energy. We have a reputation for delivering high quality work based on a diverse range of technical knowledge. Our clients come to us with a wide range of challenging projects which typically include aspects of mechanical design, electrical design and software development.



Innovative

We do not shy away from never before done projects.



Top Class

We are the best in class at delivering our services.



Confidential

We take customer confidentiality very seriously.



Collaborative

We are open minded about our solutions and can help our customers map out requirements.

To meet increased demand within the UK and abroad the company is growing and looking to recruit a **talented** and **highly motivated** engineer. The successful candidate will get the opportunity to work on all aspects of **exciting, fast-paced projects**, gaining valuable experience in a wide range of engineering areas. This role will involve working on multiple projects simultaneously within small teams to design, manufacture and commission **bespoke test equipment**.

Job description

This is a multi-disciplined, diverse role that, drawing on your areas of specialism, could include (but is not limited to) the following responsibilities:

- **Producing concept designs**, customer proposals, and quotations
- **Mechanical design** of components and assemblies using 3D CAD (preferably **SolidWorks**)
- **Preparing design review presentations** for internal or customer reviews
- Conducting **FEA analysis**
- Producing **manufacturing drawings**, assembly drawings, BOMs, and tolerance stack studies
- **Specifying equipment** and obtaining quotations from suppliers
- Managing manufacturers and suppliers of equipment
- Working closely with onsite Technicians to support assembly/rig build activities
- Providing support for **installation and commissioning** activities
- Producing project-related documentation, risk assessments, user manuals, and project plans

Candidate requirements

The role would be well suited to someone with a mechanical engineering technical background with design and detailing experience who enjoys solving mechanical design and assembly challenges. This could be a time-served apprentice in manufacturing or design with a HND, a graduate (BSc, BEng, MEng, MSc, PhD), or a fully experienced design engineer. The candidate must have permission to work in the UK.

Candidate requirements

Essential skills, knowledge and experience:

- Teamwork
- Excellent communication and organisation skills
- Problem solving
- Conceptual design
- 3D CAD design (preferably SolidWorks)
- Working to drawings standards and specifying GD&T
- Appreciation of manufacturing techniques and assembly processes
- Commercial understanding and awareness
- Project management

Company benefits

We offer a friendly working environment in Derby. We offer some flexibility and the ability to work from home but we believe we are more effective as a team and problem solving together. Company benefits include:

- A competitive salary
- Both formal and on the job training
- Competitive company pension contributions
- Private medical cover
- 25 days annual leave + bank holidays + discretionary Christmas shutdown
- 40 hour working week (primarily office based) with flexible start/finish times

Security clearance

Please note that Security clearance via Experian Background Checking Services will be required if the candidate is offered the role.

How to Apply

If you would like to join our team please send your CV to zoe@scitekconsultants.co.uk