

## Position: Senior Mechanical Design Engineer

This is an outstanding opportunity to develop your career in a dynamic and rapidly growing design consultancy. Built around an ethos of building lasting partnerships between its leaders, people and clients, it has never been a better time to join the team as we are at the point of significant expansion with a number of new and existing clients.

An opportunity has arisen for Senior Mechanical Design Engineer who will play an important role in our leadership team. You will be a hands on experienced leader with outstanding technical skills who is able to inspire, direct, engage and develop design engineers on a variety of projects. The successful candidate should be able to quickly integrate with our internal ISO9001 and ISO13485 systems ensuring their application whilst contributing to our ongoing quality improvement initiatives.

### Key Responsibilities:

- Create detailed 2D drawings and 3D models using SolidWorks to a level similar to the type of products illustrated on our company website.
- Perform Finite Element Analysis for stress and thermal modelling.
- Provide technical mechanical engineering leadership.
- Support the sales team by advising on potential design solutions.
- Assisting the sales team with customer presentations.
- Bringing the project team together by communicating the customer requirements and the project plan.
- Be able to verify your own design and the designs of others.
- Monitoring the progress of the design by ensuring that it is in line with technical and commercial requirements.
- Coaching and supporting the team by ensuring they are progressing in accordance with allocated objectives.
- Ensuring projects are completed in accordance with in-house ISO9001 and ISO13485 Quality Management Systems.

### Qualifications/requirements:

- Mechanical Engineering Degree.
- Extensive experience designing injection moulded parts. Candidates must be able to demonstrate their knowledge by way of examples.
- At least 10 years in a complex and varied mechanical design engineering function, where designing efficiently, on time and to relevant standards is essential.
- Significant experience as a Senior / Lead Mechanical Design Engineer with commercial accountability and technical responsibility.
- Good knowledge of design regulations and quality standards (preferably in the medical sector).
- Supply of designs and product with a CE declaration of conformity.
- Candidates with 'hands on' engineering and prototyping skills will be particularly attractive.

This is a superb opportunity to join a forward thinking and successful SME business. In return you can expect a highly competitive salary & company workplace pension in a challenging and supportive culture and the opportunity to grow your career with a company that is set to expand rapidly.

Email [jobs@i4pd.co.uk](mailto:jobs@i4pd.co.uk) quoting job reference 'Senior Mechanical Design Engineer' and include the following;

- Your CV.
- A covering letter briefly describing the contribution your skills & experience would bring to the team.
- Visual examples of previous work in PDF format or a link to an on-line portfolio.
- Provide examples of injection moulded parts that have been designed by you (**this is a pre-requisite**). Any examples should initially be presented by way of electronic format e.g. JPG, but we are keen that the candidates' present examples of their previous injection mould design work by way of physical samples at interview stage.