



Job Description: *Development and Design Engineer (Mechanical)*

FIXED TERM – 12 Month

Collagen Solutions is a global leader in collagen-based biomaterials supply and development for use in regenerative medicine and medical devices. We are an exciting fast-passed growth company publicly traded on the London Stock Exchange, and looking for high caliber team members passionate about our vision:

To be the industry's first choice for regenerative biomaterials

The Development and Design Engineer will work within the R&D function to support product development and research projects whilst maintaining compliance with industry standards and regulations.

Essential Functions:

- This position reports to the R&D Manager (UK)
- Develop test methodology and equipment to evaluate prototype device performance and aid product development
- Design components and assemblies, and contribute to the development of new products and product improvements, within a Medical Device Design Control and ISO 13485 environment
- Work with and coordinate external manufacturing, design, prototyping and other supply chain partners
- Generate and develop specifications, drawings and work instructions
- Develop and review documentation in accordance with relevant internal SOPs, ensuring clear organisation and secure storage of electronic drawings
- Project management and Risk Management
- Actively engage and collaborate on cross functional product development teams and take the lead on design and development initiatives
- Maintain a safe work environment
- Other duties as reasonably assigned by R&D Manager

Requirements:

- Minimum bachelor's degree in Mechanical Engineering, Design Engineering, or related discipline.
- Extensive experience in the design and development of plastics, injection moulded parts and functional, multi-component assemblies
- Experience of contributing throughout the product development cycle from concept through to NPI, with different materials and manufacturing techniques.
- Experience of medical device component and assembly design and development, and the design of product packaging, are a plus
- Demonstrated ability to perform tolerance analysis to ensure high quality, robust design of systems and components
- Attention to detail, effective problem solving and decision-making skills
- Demonstrable use of design principles, rapid prototyping, functional lab testing and analysis of test data towards product development and troubleshooting
- Proficient in the use of tools such as 3D CAD, FMEA, DOE
- Experience of flow modelling, CFD and computer simulation would be a bonus
- Working knowledge of Design for Six Sigma, Risk Management techniques and Statistical Analysis methods



Job Description: *Development and Design Engineer (Mechanical)*

FIXED TERM – 12 Month

- Coordination of external manufacturing, design, prototyping and other supply chain partners
- Management of projects within an ISO 13485 and QMS environment
- Experience of working within CFR 820 part 11 Electronic Records would also be a bonus
- Excellent organisational, communication and interpersonal skills, with the ability to work under minimal supervision, within cross functional teams and take the lead on design & development initiatives
- Ability to travel as needed, predominantly domestically
- Use of MS Project software, Outlook, MS Excel, MS Word, MS PowerPoint etc

To apply or inquire about current opportunities please contact us at careers@collagensolutions.com.