

Mayflower House
14 Pontefract Road
Leeds
LS10 1TB
Tel:
+44 (0) 113 270 4841
Email:
enquiries@steepergroup.com

www.steepergroup.com

Vacancy

Electrical/Electronic Design Engineer

Based within our Head Office environment in South Leeds, this role will report into our Head of Research and Development, working alongside other design engineers creating and designing unique new and existing upper limb and assistive technology products. With your team colleagues you will provide innovative design solutions and in return you will be rewarded by having the opportunity in working for a forward thinking business such as the Steeper Group, who have been in existence in the Prosthetic, Orthotic and Assistive Technology industry since the late 1920's.

Job Purpose/Summary include (but not limited)

- Design work described as: research, concept, design and development of Steeper products.
- Design and modify appropriate hardware and software to implement test solutions that meet all requirements.
- Create test documentation.
- Provide innovative electronic design solutions within Steeper's development of Upper Limb Prosthetic and Assistive Technology Products.
- The electrical design engineer will Research, develop and design appropriate hardware and firmware.
- Apply research to the planning, design, development, and testing of Steeper products.
- Ability to conceptualise, design and develop electro-mechanical products.
- A good understanding of electro-mechanical engineering with mechanisms.
- Understanding of programming languages
- Strong experience with troubleshooting of analogue and digital based systems at component level.
- Experience with SMT.
- Ability to perform modifications by hand.
- Supporting Mechanical Design Engineers within the group with guidance on electrical issues
- Checking of engineering data produced by peers
- Ensuring the successful integration of each design element with the product as a whole
- Communicating effectively and professionally with peers, suppliers and customers
- Development and introduction of new product and product improvements
- A good working knowledge of the companies change control process
- An understanding of the best practice for the integration of mechanical and electrical systems
- An understanding of material selection
- A working knowledge of the various methods of manufacture of electrical and mechanical components and assemblies
- A working knowledge of the principle of electrical installation and systems integration and design including 3D mechanical design experience

The successful candidate needs to be educated to HND, HNC in Electrical Engineering or similar. A good working knowledge of MS software packages. Have a full understanding of CAD and able to read, interpret and understand technical 2D and 3D drawings/documents and have the ability to troubleshoot and find practical solutions. A minimum of 3 years' experience in an electrical design engineering role is a necessity with a proven track record in design for manufacture and PCB and SMT technology.

If you feel you have the necessary attributes to be considered for the above position, to apply, please complete an application form or submit your CV.

Application forms can be obtained by emailing the HR team on (hr@steepergroup.com). Alternatively visit www.rslsteeper.com/careers and download an application form from the website.

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Strictly no agencies

The closing date for applications is 31 August 2017



Steeper is committed to valuing diversity and treating everyone who works for or wishes to work for us fairly. We will treat everyone with the same attention, courtesy and respect, regardless of age, impairment, ethnic origin, nationality, religion or belief, social class, sex, sexual orientation, gender reassignment, marital or civil partnership status, responsibility for dependents, pregnancy and

maternity or trade union activity. Steeper is committed to act positively towards disabled people and we actively welcome applications from disabled people.