

Electronics Engineer

Salary Range: £44,500 - £54,500

Location: Harrietsham, Kent



The Story:

Established in 1976, Bedfont is an award-winning medical technology company based in Harrietsham, Kent. Its breath analysis medical devices are exported globally thanks to its network of carefully selected distributors.

The Challenge:

Healthcare is evolving and the market for breath analysis monitors is expanding. Bedfont are looking for hard-working, like-minded, and passionate individuals to join the Bedfont Family to help achieve its goal of innovating healthcare worldwide.

The Benefits:

- 25 days paid holiday plus bank holidays
- Private healthcare
- Optical allowance
- Pension scheme
- Bonus scheme
- Hybrid Working
- Employee Assistance Program
- Rewards App
- Social events
- Well-being warriors
- Bike-to-work scheme
- Employee awards
- Free on-site parking
- Training & Development Opportunities
- Uniform

Your Mission:

As an Electronics Engineer, you will focus on advances in technology to aid in the design, development and testing of new and existing medical breath analysis devices. You may be involved at any stage of a project including the initial brief for a concept, the design and development stage, testing of prototypes and the final manufacture and implementation of a new product or system. You will also be responsible for supporting engineering aspects of existing products for troubleshooting, improvement and further development.

Roles and Responsibilities:

- Collaborate with colleagues to troubleshoot, design new systems, circuits and devices or develop existing technology
- Test theoretical design
- Act as a Project Technical Lead
- Write specifications and technical reports
- Follow the defined development processes
- Systematically improve the detailed design of Bedfont products
- Ensure that a product will work within its required specification safely, can be made again reliably, and will perform consistently in specified operating environments
- Ensure any hardware interfaces are user friendly where required
- Assist with project planning where required and work within defined budgets
- Coach and train technicians, engineers and other colleagues where necessary
- Work closely with stakeholders to ensure effective and efficient implementation of the electronic design
- Ensure product quality and company standards are met
- Complete design reviews to ensure product is designed and engineered to specification

Bedfont® Scientific Ltd.

Station Yard, Station Road, Harrietsham, Kent, ME17 1JA, England. Tel: +44(0)1622 851122 Fax: +44(0)1622 854860 Email: ask@bedfont.com

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- Confirm product performance by designing and conducting tests
- Ensure delivery of tasks on time and on budget, and according to customer/marketing requirements for performance
- Maintain safe and clean working environment by enforcing procedures, rules, and regulations
- Install, maintain, or provide technical support for existing biomedical equipment
- Contribute to innovation and technical strategy to maintain competitiveness
- Liaise with external manufacturers, suppliers, production & customer service teams

Qualifications and Experience:

- Bachelor's degree in Electronic Engineering, or a related engineering field or relevant engineering experience
- Electronics experience preferably in medical devices
- Knowledge of QMS 13485:2016, 60601 and the Medical Device Regulation is beneficial

Valuable Expertise:

- CAD/CAM Circuit Design beneficial
- Knowledge of manufacturing methods and procedures
- Highly communicative, articulate and motivated
- Excellent written and verbal communication skills
- Critical thinking, analytical and problem-solving skills
- Highly IT literate and competent in the use of project planning tools
- Highly mathematically literate
- High attention to detail
- Experience in the use of embedded processors, sensors and interfacing electronics
- Experience of multiple journeys through a complete development lifecycle
- Design for EMC & Safety; analysing and rectifying compliance issues

In addition, employees may be required to undertake other duties as may reasonably be required of them. In these circumstances training will be given where it is considered.

Bedfont[®] Scientific Ltd. does not and will not discriminate in the recruitment or managing of staff on the basis of race, colour, religion, gender, age, disability, marital status, sexual orientation and more. We are an equal opportunity employer and Bedfont[®] regards every employee as a member of the Bedfont[®] family and is committed to providing a fair, safe, diverse and welcoming atmosphere. Our application process has been designed so that everyone is able to demonstrate their skills and how they meet the criteria required for the job advertised. If you are interested in applying for this role, please visit <https://www.bedfont.com/careers> to apply.

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