VACANCY: DESIGN ENGINEER (MICROPROCESSORS)

A new position has been created within the UK R&D Department for a Design Engineer (Microprocessors) to help develop Pactrol’s range of electronic controls for gas and electricity appliances. The work involves all aspects of design from initial specification, through hardware and software development, on into production.

SPECIFIC JOB RESPONSIBILITIES

- Detailed functional design / development of electronic control systems (both hardware and software) from specification to production
- Identification analysis and resolution of technical issues related to executed projects
- Preparation of project related documents
- Perform engineering analysis and propose solutions to complex problems which are not well defined
- Follow guidelines as established in the Quality Manuals and Procedures
- Conduct business while strictly observing the Business Ethics of the principle Company, Emerson Climate Technologies

REQUIRED QUALIFICATIONS AND EXPERIENCE

- Degree qualified in Electronic, Control or Software Engineering, or substantial and demonstrable relevant experience is essential
- Significant experience in a design/development environment
- High volume, cost effective electronic design knowledge
- Embedded microprocessor design in real time applications
- Power supply design
- Digital & analogue interfacing techniques
- Design for EMC
- Software development - both assembler and higher level languages (C, C++, C#)
- Experience with Freescale microprocessors would be an advantage
- Knowledge of PC programming languages such as Visual Basic or Visual C
- Knowledge of software reliability (MISRA C or similar)
- Prepared to travel whenever necessary, occasionally at short notice, within the UK and elsewhere in Europe
- Ability to multi-task and operate within a dynamic environment
- Fluent English
- Self-motivated and innovative
- Able to contribute to the team immediately
- Excellent interpersonal skills

ADDITIONAL COMPANY INFORMATION

Pactrol Controls Limited is the UK arm of the US based company White-Rodgers Inc., itself a part of Emerson Electric, one of the world’s major multi-national engineering groups.

With a head office based in Ashton-in-Makerfield, Greater Manchester, and a manufacturing facility in Slovakia, Pactrol design and build electronic controls for domestic, commercial and industrial applications. We employ some 100 people across the two sites.

Pactrol products can be found in many household and commercial appliances, including gas boilers, heaters, ovens and kilns. A large proportion of new development work incorporates embedded microprocessor technology to control increasingly more sophisticated appliances.

As a part of a large multi-national we offer a competitive salary package including 26½ days annual leave, a defined contribution pension scheme and death in service benefits.

CONTACT INFORMATION

To apply for the vacancy, please submit your CV to Barry Faulkner, Development Director
development@pactrol.com