

Various Roles- High Performance Engineering – Electrical Design Engineer, Control and Automations Engineer, Mechanical Design Engineer

Location: Brackley, Northamptonshire
Contract: Permanent
Report to: Senior Engineer/Head of Advanced Manufacturing
Salary: negotiable dependent on experience

KW Special Projects Ltd (KWSP) is looking for the following engineers to join the team working primarily across high performance engineering projects in the areas of high performance sport, motorsport and special purpose machine design.

- Electrical Engineer
- Control and Automations Engineer
- Mechanical Engineer

We are looking for engineers with a “can do” attitude and strong lateral thinking skills. You will have a keen interest in high performance engineering and working in different sectors. We want someone who is excited by the engineering process and can apply skills to a variety of diverse projects using their experience initiative and knowledge.

About KWSP

KWSP operates within the high performance engineering sector – designing, manufacturing and supplying complete solutions.

Evolved out of its sister company KW Motorsport, KWSP provides services to meet the rapid growth in demand for a non-conventional approach to the integration of new processes and technologies into high performance engineering and manufacturing.

Guided by the principles of motorsport, the need for speed, efficiency and precision through the use of technology, materials and processes, KWSP takes a disruptive approach to a clients’ creative ideas - facilitating the transfer of knowledge from one sector to another. We work in many sectors including high performance sports engineering, automotive, motorsport and aerospace.

There is no such thing as a typical project at KWSP. Projects range from designing special purpose machine prototypes for Digital Fabrication to optimising high performance athlete’s equipment through our work with the English Institute of Sport. We are also involved in motorsport in particular F1 and Le Mans projects.

Based in Brackley adjacent to F1 team Mercedes AMG PETRONAS's facilities, KWSP is at the heart of the UK's thriving "Motorsport Valley" and part of a concentration of over 1000 companies in Northamptonshire that form the "High Performance Technologies Cluster".

Our capabilities include

- High Performance Engineering
- Digital Fabrication
- Additive Manufacturing
- Automation
- Lightweight structures and composites
- Industrial Inkjet
- High Performance Engineering project management
- Special purpose machine design and manufacture

About the roles

Reporting to the Senior Engineer or Head of Advanced Manufacturing you will be responsible for design, development, assembly, and installation and testing of systems across a range of diverse projects in the high performance engineering sector - including sport and special purpose machine design.

Whilst the roles will use your exceptional engineering skills you will also need to have an appreciation of your impact on the business as a whole. You will be communicating with clients at all levels. As a result you will also need to demonstrate effective communication skills. In addition you will be required to be hands on with the manufacturing, assembly and testing process.

These roles would appeal to someone who wants to experience a wide range of engineering projects, who works best when they need to think creatively about a design or system solution, and is able to work independently or as part of a small team.

Person Specification: Core competencies and experience

For all of the roles applicants will preferably have a degree in engineering or a related discipline. We will however consider applicants with an HND in engineering or a related discipline. We will also consider individuals with equivalent experience/combined education such as completion of an Apprenticeship or progression from a hands on role. This is particularly the case for the Electrical Engineer role.

- The successful applicant (s) will be;
 - self-motivated,
 - keen to work on high performance engineering projects
 - a problem solver/have strong lateral thinking skills

- able to demonstrate a commitment to quality and meeting customer requirements
- is looking for and is comfortable with taking on a high level of responsibility
- able to work effectively in a team
- able to show initiative,
- tenacious in meeting deadlines
- Practical as well as creative and prepared to be hands on
- able to demonstrate precision and attention to detail including good record-keeping.
- able to work effectively under time pressure
- flexible
- able to demonstrate the competencies required of a Chartered Engineer or Incorporated Engineer described with ECUK standards for professional engineering
- able to work with health and safety in mind in terms of design and working procedures

- In addition to the role specific requirements all applicants are required to have;
 - Knowledge of general engineering principles
 - Relevant industry experience
 - Evidence of client-facing experience
 - Exceptional written and verbal communication skills
 - Ability to prepare specifications and deliver these within budget
 - Confident use of MS-Office applications
 - Experience in drawing office procedures
 - Experience or awareness and appreciation of FEA, CFD and or appropriate simulation techniques
 - Practical hands-on assembly experience

These roles are suited to someone with 2 to 3 years of relevant experience but we would consider an exceptional graduate who has had extensive work experience and a strong placement experience.

How to apply

If you want further information email recruitment@kwspecialprojects.com for more detailed job descriptions. If you wish to apply please send a CV **and a cover letter** explaining how your experience matches our requirements. The deadline is the 6th November 2015.

If you have any questions about this role please call Sophie Kilmister on 01280 704768.

KWSP is an equal opportunities employer.