

IXYS UK Westcode Ltd is an Equal Opportunities employer, committed to the development of a skilled and quality focused workforce. IXYS UK Westcode Ltd is a registered NVQ Assessment Centre, and we encourage employee training through Apprenticeship schemes and further education, up to and including professional and degree qualifications.



IXYS UK Westcode Ltd. currently has the following **Employment Opportunities**

- **Field Applications Engineer (FAE) - High Power Semiconductors**
- **Design Engineer – High Power Devices**



Details follow this page.

Karen Read, Human Resources Manager +44 (0) 1249 455560 k.read@ixys.net
IXYS UK Westcode Ltd. Langley Park, Chippenham, Wiltshire SN15 1GE

IXYS UK WESTCODE LTD., Langley Park Way, Langley Park, Chippenham, UK SN15 1GE

Field Applications Engineer (FAE) - High Power Semiconductors



JOB SUMMARY

IXYS UK Westcode Ltd., a leader in power semiconductor and power management / integrated circuit manufacture, is looking to augment its Applications Engineering team in its European High Power facility in Chippenham, UK.

The successful candidate will play a key role in new business development within the Marketing team, providing front line support to our global customer base.

PRINCIPAL DUTIES AND RESPONSIBILITIES

- Provide detailed application based support both to sales & direct to customers
- Provide design support to our internal power electronic assemblies team
- Providing input to product development roadmap and R&D activities
- Management of customer projects

ESSENTIAL JOB REQUIREMENTS

- The successful candidate will have a HNC / technical degree and will have attained a high level of understanding of high power semiconductor device behaviour
- Device knowledge preferably including Thyristor, diode and IGBT technologies
- Basic knowledge of rectifier / converter topologies, ac /dc drives, resonant converters etc
- A minimum 5 years' experience gained within either, the power semiconductor, industrial drives or transportation sectors
- Prepared and able to travel overseas up 20% of the time

ATTRIBUTES

- Practical approach to problem solving
- Good written and oral communication skills (second languages desirable)
- Self-motivated and –reliant
- Able to work closely within a multi-disciplined team.

If you are interested in applying for a position within the IXYS UK Westcode Ltd team, please send your curriculum vitae to Karen Read, HR Manager: +44 (0) 1249 455560 k.read@ixys.net

Design Engineer – High Power Devices



IXYS UK Westcode Limited is seeking an ambitious, highly motivated and experienced individual with a Degree or equivalent in Mechanical Engineering. We are looking for someone with a keen interest in high power semiconductor devices (diodes, thyristors, GTO's, press-pack IGBT's etc.) and associated mechanical assemblies, to join the Product Design Group at our manufacturing facility in Chippenham, Wiltshire, UK.

IXYS UK Westcode Ltd is the high power manufacturing division of the worldwide IXYS Corporation. We are a growing and developing business focussed on providing high quality power semiconductor products to the market. The successful applicant will join a challenging and rewarding environment.

The Design Engineer's activities range broadly from the design & development of new and existing semiconductor products & assemblies, through to the advice and system support given to customers, suppliers and other IXYS UK Westcode departments.

The key duties and responsibilities are:

- To analyse customer and IXYS UK Westcode requests for products and assemblies, formulating them into economic, fully specified designs capable of meeting all the requested engineering parameters.
- To liaise closely through meetings and visits with customers, suppliers and other IXYS UK Westcode departments from the outset to ensure that project schedules, engineering specification targets and project completion forecasts are met.
- To develop strong relationships and work closely with the Production Engineering and Quality Assurance departments in assessing the quality and reliability of complete designs to ensure they comply with the relevant specifications and customer requirements.

The ideal candidate will have Electrical Engineering experience in addition to a degree or equivalent in Mechanical Engineering. They will be:

- An experienced user of CAD (preferably of SolidWorks).
- Experience of working within a design environment supporting an onsite production facility. (Experience of carrying out 'first build', would be a distinct advantage).
- Should possess good presentation and communication skills with the ability to translate specifications, both written and verbal, into functional designs.
- Be a creative thinker, who can work well within a team of Design Engineers, showing problem solving skills and initiative when looking into new designs.
- Previous experience of working in the power electronic industry would be an advantage.

Interested? Please contact Karen Read, HR Manager: +44 (0) 1249 455560 k.read@ixys.net