

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
- Advanced Modern Apprenticeship
- Modern Apprenticeship (Craft)
- Process Technician for High Power Semiconductor Production
- Process Engineers - High Power Semiconductors
- High Power Semiconductor R&D Engineer



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

Advanced Modern Apprenticeship



Reporting to: Site Services Manager, Maintenance Team
Location: IXYS UK Westcode Ltd, Chippenham, Wiltshire, SN15 1GE

IXYS UK Westcode Ltd (the UK manufacturing division of IXYS Corporation Inc) is offering an opportunity to study an Advanced Modern Apprenticeship whilst working for a well-established, local high power semiconductor manufacturer.

This Apprenticeship is a great opportunity to work within a busy mechanical/electrical Maintenance Team, with potential to develop key strengths and skills over the full term of the Apprenticeship. Opportunities exist for motivated candidates to progress to Engineer status once qualified.

Example study plan as follows:

YEAR 1

NVQ PEO - 2 days per week
Nat. Cert. in Mech. Eng. Year 1 - 1 day per week
Maintenance - Mechanical Dept. 2 days per week
Key Skills/Further Key Skills - delivered by Avon Vale as required, spread across the first year.

YEAR 2

Nat. Cert. In Mech. Eng. Year 2 - 1 day per week
Experience in all areas of factory - time scale to be agreed but returning to Mechanical Maintenance on a regular basis during the year.

YEAR 3

HNC in Mech. Eng. Year 1 - 1 day per week
Maintenance - Mechanical Dept. 4 days per week
NVQ Level 3 in Mechanical Maintenance – delivered and assessed by Avon Vale Training.

YEAR 4

HNC in Mech. Eng. Year 2 - 1 day per week
Maintenance - Mechanical Dept. 4 days per week
NVQ Level 3 in Mechanical Maintenance – delivered and assessed by Avon Vale Training.

Skills and Qualifications: Minimum Grade C in Maths, Science and English

Attributes: Ambition to achieve the Higher National Certificate in an Engineering discipline and NVQ level 3. Self motivated individual with genuine interest in mechanical or electrical engineering.

Please apply either: Through our HR Department to Karen Read, HR Manager, IXYS UK Westcode Ltd.,
Tel: +44 (0)1249 455560 e-Mail: k.read@ixys.net
or through Megan Deeks, Administrator at Avon Vale Training, Wiltshire Enterprise,
Tel: +44 (0)1249 661199, Website: www.wiltshire-enterprise.co.uk

Modern Apprenticeship (Craft)



Reporting to: Site Services Manager, Workshop Team
Location: IXYS UK Westcode Ltd, Chippenham, Wiltshire, SN15 1GE

IXYS UK Westcode Ltd (the UK manufacturing division of IXYS Corporation Inc) is offering an opportunity to study a Modern Apprenticeship (Craft) whilst working for a well-established, local high power semiconductor manufacturer.

This Apprenticeship is a great opportunity to work within a busy manufacturing Workshop Team, with potential to develop key strengths and skills over the full term of the Apprenticeship. Opportunities exist for motivated candidates to progress to Engineer status once qualified.

Example study plan as follows:

YEAR 1

NVQ PEO - Wiltshire College 2 days per week IXYS UK Westcode Development Workshop – 3 days per week
Key Skills Level 1 Maths / English / ICT and Personal Learning Skills delivered by Avon Vale Training.

YEAR 2

City & Guilds 2850 Level 2 or Extended Certificate Level 2 Mechanical Engineering
Wiltshire College – 1 day per week IXYS UK Westcode Development Workshop – 3 days per week

Skills and Qualifications: Minimum Grade C in Maths, Science and English

Attributes: Practical, adaptable and flexible approach to problem solving.

Please apply either: Through our HR Department to Karen Read, HR Manager, IXYS UK Westcode Ltd
Tel: +44 (0)1249 455560 e-Mail: k.read@ixys.net

or through Megan Deeks, Administrator at Avon Vale Training, Wiltshire Enterprise
Tel: +44 (0)1249 661199 Website: www.wiltshire-enterprise.co.uk

Process Technician for High Power Semiconductor Production



JOB SUMMARY

IXYS UK Westcode Ltd, a leader in power semiconductor manufacturing, is looking to augment its Process Engineering team in its European High Power facility in Chippenham, UK. Of special interest are technical skills and experience in chemical, mechanical or electrical engineering, or general semiconductor processing.

The successful candidate will be part of the Process and Yield Group.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

- Assist the R&D engineering teams in introducing new products, processes and equipment.
- Assist the Process and Yield Group in improving process control, reducing variations in production, and analysing root cause for yield losses in production
- Carry out regular process control checks to maintain yield and quality in the production
- Carry out special processes within production, and assist in process transfer to operations

ESSENTIAL JOB REQUIREMENTS:

- Ability to use common IT tools for data analysis
- Problem solving ability

ATTRIBUTES:

- Practical experience in a technical manufacturing environment
- Good team player
- Hands-on problem-solving attitude
- Interest in diversity of tasks
- Good communication skills in R&D as well as production environment
- High motivation to get things done
- Ability and aptitude to undergo training

If you are interested in applying for a position in the IXYS UK R&D team, please send your curriculum vitae and covering letter to Mrs Sam Dyer, HR Personnel Officer, IXYS UK Westcode Ltd, Langley Park Way, Langley Park, Chippenham, Wiltshire SN15 1GE or via e-mail at s.dyer@ixys.net

Process Engineers - High Power Semiconductors



JOB SUMMARY

IXYS UK Westcode Ltd, part of IXYS Corporation, a leader in power semiconductor and power management/display integrated circuit manufacture, is looking to augment its Process Engineering team in its European High Power facility in Chippenham, UK. Of particular interest are skills and experience in chemical engineering, process automation and/or general semiconductor processing.

The successful candidates will be part of the Process and Yield Group.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

- Work within internal teams introducing new products, processes and equipment
- Improve production results: cycle time, cost reductions in cooperation with the production, with a focus on process automation
- Improve process control, reducing variations in production
- Analyse root cause for yield losses in production, propose appropriate methods to improve yield, and initiate, follow up and control process change procedures
- Continuous improvement of documentation for production
- Carry out R&D projects in cooperation with internal and external partners
- Training of production personnel

ESSENTIAL JOB REQUIREMENTS:

- Technical degree or equivalent
- Ability to analyse data with common IT tools
- Problem solving ability
- A general understanding of Power Semiconductor Physics, Devices and Processing would be useful.

ATTRIBUTES:

- Good team player
- Good communication skills in R&D as well as production environment
- Innovative thinking
- Hands-on problem-solving attitude
- High motivation to get things done
- Good lateral thinking ability to resolve yield and process problems
- Ability and aptitude to undergo training
- Readiness for occasional travelling

If you are interested in applying for a position in the IXYS UK Engineering team, please send your curriculum vitae and covering letter to Mrs Sam Dyer, HR Personnel Officer, IXYS UK Westcode Ltd, Langley Park Way, Langley Park, Chippenham, Wiltshire SN15 1GE or via e-mail at s.dyer@ixys.net

High Power Semiconductor R&D Engineer



JOB SUMMARY

IXYS UK Westcode Ltd, part of IXYS Corporation, a leader in power semiconductor and power management/display integrated circuit manufacture, is looking to augment its R&D and Process Engineering team in its European High Power facility in Chippenham, UK.

The successful candidate will be an integral part of the power semiconductor design and development group.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

- Simulation and design of power semiconductor devices like high voltage thyristors, ultrafast diodes, and GTOs
- Product realisation in cooperation with the process engineering team
- Characterise, debug and prepare new, innovative power devices for market introduction
- Customer specific product development
- Project management of R&D projects in cooperation with IXYS Global Factories
- Device failure analysis

ESSENTIAL JOB REQUIREMENTS:

- Technical degree, PhD or equivalent
- Excellent understanding of Power Semiconductor Physics and Devices
- Problem solving ability

ATTRIBUTES:

- Good team player
- Strong communication skills in R&D as well as production environment
- Innovative thinking
- Hands-on problem-solving attitude
- High motivation to get things done
- Excellent lateral thinking ability to resolve design and process problems
- Ability and aptitude to undergo training
- Readiness for travelling

IXYS Corporation is a growing power in semiconductor design & manufacture and requires excellence in design talent to drive forward its increasing need for innovation in power device design.

If you are interested in applying for a position in the IXYS UK R&D team, please send your curriculum vitae and covering letter to Mrs Sam Dyer, HR Personnel Officer, IXYS UK Westcode Ltd, Langley Park Way, Langley Park, Chippenham, Wiltshire SN15 1GE or via e-mail at s.dyer@ixys.net