



Product Engineer

Based in West Lothian, **Kaiam**'s operations in the UK began in 2013 when the company purchased the state-of-the-art manufacturing facility. Since then, the company has developed and expanded its network and customer base on an international level.

Kaiam is an emerging market leader in the research, development and manufacturing of optoelectronic equipment used within data-communication centres and telecommunications applications.

We are now looking to make the key hire of a **Product Engineer** who will be responsible for ensuring the best possible performance of Kaiam's silica on silicon Planar Light Circuit (PLC) products is achieved.

The primary function is to continually control and improve the performance of Kaiam's silicon chip products. Interpretation of test results and liaising with the other engineering groups to maximise the yields is the core part of this role. As such, it is expected that the Product Engineer shall develop a fundamental understanding of the physics of how PLC products work to allow them to perform. This will be achieved through learning and doing, building on your technical and physics background.

In this challenging role you shall also be responsible for New Product Introduction, taking ownership of determining new product performance, its improvement and supplying first product to customers.

This pivotal role supports the Design, Yield, Test and Wafer Fab Process Engineering groups, as well as assisting the Production team in achieving their output targets. As well as delivering high quality data to these teams on an ongoing basis, many of the objectives will be self-led improvement projects. Candidates who can demonstrate a pro-active approach to implementing improvements and who can work autonomously are sought.

Key responsibilities will include:-

- Reporting of product yield and test performance
- Identifying performance issues and potential solutions
- Disposition of poor performing product and provide possible recovery processes
- Data manipulation and analysis
- Charting of test parameters and drawing conclusions
- Provide information to Production and management in order to improve die test methods and the operation

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- Introduce new products into the factory and take them through to their maturity
- Drive improvement projects for PLC test and production systems
- Establish and maintain yield and performance monitoring tools

Knowledge Skills and Experience:

Educated to at least degree level in a relevant science or engineering subject e.g. Physics, Optoelectronics, Computer Science, Statistics, Electrical engineering, your career experience to date is likely to have been in a fast paced, high technology manufacturing environment. However applicants from recent graduates will also be considered.

Good organisational and project management skills are essential along with a flair for data analysis and problem solving.

Skills such as Statistical Process Control (SPC), MSA including GRR and other Six Sigma techniques are an advantage.

You must have good communication and report writing skills to be able to work between Production and Engineering functions. Preparing and presenting material to executive level at yield meetings will be required.

A team player who is able to work with limited supervision is essential.

Kaiam always strives for excellence so if you can bring us relevant qualifications and experience to help us achieve this then we would like to hear from you. We are looking for employees with talent and potential, so if you're upbeat and motivated why not join us and be part of something exceptional?

If you feel you can successfully fulfil this role please apply by sending your CV to: recruitment_uk@kaiamcorp.com