



Product and Test Engineer / Senior Engineer

Based in West Lothian, **Kaiam** is an emerging market leader in the research, development and manufacturing of optoelectronic modules used within data-communication centres and the telecommunications industry. Founded by leading technologists from the optical networking industry, the team has a track record of delivering breakthrough approaches that change the rules of the marketplace.

To support our continued growth, we are recruiting for a **Product and Test Engineer / Senior Engineer**, reporting to the Test Engineering Manager. In this important role, you will help solve complex engineering problems and drive successful and robust solutions. You will be an integral part of the product and test function to support the volume manufacture of leading edge optoelectronic products.

This is a key hire for the Livingston site.

We will gladly consider all applicants, from early career enthusiastic and committed engineers, through to experienced veterans. If you want to stay at your desk all the time working individually, this is not the role for you. If you want to stretch yourself and take on a challenge in a successful team, and think there's lots you could teach us, we'd like to hear from you

Education and experience

- BSc Physical Sciences / Electrical and Electronic Engineering / Mechatronics or similar
- Minimum 2 years, ideally 5+ years of directly-applicable experience
- Experience in any of product, test or process engineering, preferably in the optical, optoelectronic, or electronic sectors
- Manufacturing experience in a cross-disciplinary environment viewed favourably
- Experience of developing, releasing and maintaining automated test equipment would be a huge benefit, with experience in any of Python, C# and C++

Illustrative responsibilities

- Ensure effective test capability for optoelectronic transceivers, and corresponding sub-assemblies (e.g. lasers on carrier)



- Utilize regular and ad-hoc bulk data analysis to monitor yields and investigate engineering issues.
- Issue reports and make recommendations for product and process improvements.
- Ensure high uptime, robustness and efficiency of test in a 24/7 production environment; be the go-to engineer for the operations team.
- Provide and maintain detailed documentation of test systems, including Work Instructions, Maintenance Procedures, OCAPs, BOMs, etc.
- Ensure the test function operates to internal standards and take responsibility for passing internal and external quality audits. Showcase the test area to customers, investors, and other stakeholders.
- Understand test from the micro level to the macro level, with the ability to work at all levels, from operator to CEO.
- Continual improvement: seek to constantly improve the overall test capability, incrementally or more radically as appropriate.
- Work closely with the R&D team to develop new and improved test solutions; take responsibility for introducing improvements to the manufacturing area and ensuring fitness for purpose.
- Work closely with production to ensure that the manufacturing needs are satisfied. Train engineers, technicians and trainers to enable effective test.
- Take responsibility for product yield: ongoing monitoring, product debug, trials on new products and specifications, etc.

In exchange, we offer a competitive salary (based on experience), life cover, pension, cycle to work scheme and generous holidays.

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