

Experienced Test Engineer

Based: Fife, Scotland – KY5

Salary £40k - £60k depending on experience (plus attractive benefits package)

About Us:

Beginning life as a new venture in 2017 with some \$50m in investment, here at Clas-SiC Wafer Fab Limited we have completed the construction of a dedicated manufacturing facility for Silicon Carbide Power Semiconductors in Lochgelly, Fife and production is under way.

At Clas-SiC, we are committed to using the Manufacturing Excellence framework as part of our drive to achieve early world class recognition with our unique value proposition of fast prototyping cycle times, enabling quick routes to market for our customers. Our values including 'Customers First'; 'Honesty & Integrity'; 'Open Communication'; 'Manage by the Facts' and 'Teamwork' help us to focus on what matters for our customers and our employees, every day.

As a result of our continuing progress, we now require a **Test Engineer** for our wafer fab test area, to develop and implement test solutions. You will be familiar with setting up and operating manual and automatic testers and probers. Ideally you will also be familiar with reliability test routines and a key skill will be the ability to manage the large volumes of test data generated in this role, be able to usefully analyse the data and use it to present lot/technical reports.

Besides having a great work environment and the opportunity to bring exciting changes to the semiconductor world, we are also growing fast – so if you would like to play a key role in contributing to our success, please get in touch with us!

If you would like to find out more about Clas-SiC then you can find our website using the following link: <https://www.clas-sic.com>.

More about the Role

This is a new & key role which will help the Company continue to develop our programmes for the delivery of power SiC diodes and MOSFET's. It will also be key in providing the characterisation required to tightly define the Company's Process Design Kit (PDK) solutions. Reporting to the Engineering Manager, you will work mainly within test engineering group to develop all the required test and reliability processes and procedures and software routines to assure the compliance of the Company's products.

Personal Profile

- Highly performing self-starter, who uses own initiative, is self-motivated and committed
- Displays tenacity with a strong work ethic
- Demonstrates strong communication/interpersonal skills
- A team player, willing to work with team members and able to recognise and utilise their contributions for the success of the Company.

Education Requirements

- Degree (or equivalent in relevant Electrical/Electronic Engineering subject)

Knowledge, Experience & Skills

- Experienced in the use of manual & automatic test hardware & software gained in an electronics, semi-conductor, or similar related industry.
- Good grounding in project management principles and practices.
- Experienced in Intellectual Property capture and protection.
- Excellent IT skills (Microsoft Office, Data Storage and Analysis).
- Excellent communication skills, both written and verbal.

Key Responsibilities

- Interface with customers/project leads to understand & translate process requirements for new device projects
- Develop and maintain robust power device test procedures and routines
- Document processes & procedures so that they are easily understood and followed
- Train test operators in the use of test equipment
- To participate & occasionally lead Health and Safety activities within areas of responsibility
- Input into the Clas-SiC technology roadmap
- Strive to continually simplify processes & improve quality
- Lower manufacturing costs with emphasis on yield improvement, reduction in variability and optimization of the factory
- Owning the supplier interface for tools within areas of responsibility
- Clearly and succinctly document and report development work to support the establishment of Clas-SiC's intellectual property
- Support project planning, monitoring and reporting

Working Hours

40 hours per week along with a commitment to fully meet the challenges, responsibilities and obligations of this key role

To apply, please email your CV together with an introductory covering letter to Alison Melville, hr@greigmelvillehr.co.uk.