

Semiconductors: Equipment Engineer

Description:

Industry:	Compound Semiconductor/Manufacturing Sector
Job Title:	Semiconductor: Equipment Engineer
Job Reference:	XXXXX
Job Start date:	ASAP
Location:	Fife Area KY5 – KY7
Job Type:	Permanent
Salary range:	Negotiable depending on experience (plus attractive benefits package)

Job Overview:

As a new venture with circa \$50m in investment, Clas-SiC Wafer Fab Limited is a dedicated manufacturing facility for Silicon Carbide Power Semiconductors in Lochgelly, Fife. The Company now has an exciting opportunity for an Equipment Engineer to join its Wafer Fabrication Manufacturing Excellence Engineering Team. The primary focus of this role will be to carry out planned and reactive maintenance and associated tasks on manufacturing equipment to ensure 'best in class' on-time delivery of products to Clas-SiC's customers.

The ideal candidate will have experience in an equipment engineering role in a semiconductor wafer fabrication manufacturing environment, with experience in defining, installing, and maintaining equipment in areas such as furnaces, thin films, photolithography, implantation, wet & dry etch.

As Clas-SiC is a start-up company, you will require to be highly flexible & become involved in activities other than purely equipment engineering. It is essential that you have a 'can do' attitude to do whatever needs to be done.

This role will report directly to the Manufacturing Engineering Manager & will work closely with the Process Engineering and Facilities Engineering Teams.

Education & Qualifications:

- Minimum HNC in Electrical or Mechanical Engineering discipline

Essential Experience & Skills:

- Experience in semiconductor manufacturing equipment and services
- Track record of ability to fault-find and solve technical problems
- Highly motivated self-starter and able to drive progress without close supervision
- Demonstrable experience in equipment performance improvement programmes/activities
- Excellent communication skills, both written and verbal
- Experienced and confident in interacting with customers & suppliers to leverage the best outcomes for the business
- Proven post-qualification experience of working within a multi-disciplined maintenance environment is essential
- Experience of maintaining a wide range of process equipment
- Competent in the use of Microsoft Office applications
- Experience of working in a rotating shift team
- Experience in Incident Response Team event involvement (desirable)

Key Role & Responsibilities:

- Define and carry out routine checks and maintenance on equipment and associated services
- Identify and carry out repairs and modifications to equipment and services
- Support and deliver projects to upgrade and install new equipment and services
- Lower manufacturing costs with emphasis on cost of ownership and optimisation of the factory performance
- Analyse equipment performance data, report findings and implement improvement actions
- Collect and maintain documentation to meet safety, quality and project compliance and legislation
- Participate & occasionally lead Health and Safety activities within areas of responsibility
- Actively participate in goal setting and performance management objectives and demonstrate Clas-SiC values in meeting those objectives
- Provide operational shift cover
- Control documentation for Quality management and maintenance management systems
- Continually update own knowledge on the trends in SiC technology & wafer processing and where appropriate apply these learnings
- Develop and document maintenance practices & procedures so that they are easily understood and followed
- Input into the Clas-SiC equipment technology roadmap
- Support On-Time Delivery goals
- Own 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:

This role is 40 hours per week on a Dayshift/Backshift rotation, with relevant shift allowance applicable.

To apply:

Please submit your CV and covering letter to our HR Partner, Alison Melville at hr@greigmelvillehr.co.uk