CMC Technician

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Role Description:

The CMC Technician role is integral to the production and maintenance of HTMS composite products. This hands-on position involves operating and maintaining equipment, supporting production processes, and ensuring adherence to safety and quality standards. The technician will troubleshoot equipment issues, perform repairs, and maintain meticulous documentation of all operational activities. A strong commitment to safety, compliance, and continuous improvement is essential. Collaborating closely with the rest of the HTMS team, this role contributes to enhancing equipment performance and manufacturing efficiency, staying abreast of industry advancements in CMC manufacturing.

Accountabilities:

1. Composite Material Production
2. Equipment Maintenance and Repair
3. Production Support
4. Documentation and Reporting
5. Safety and Compliance
6. Continuous Improvement

Responsibilities:

a) Operate equipment for the production of composite plates, following manufacturing processes and quality standards.
b) Perform routine maintenance, inspection, and repair of manufacturing equipment.
c) Troubleshoot equipment issues and diagnose problems to implement necessary repairs or adjustments.
d) Assist in the setup and preparation of manufacturing equipment for production runs.

e) Monitor production processes and take corrective actions in case of equipment malfunctions or deviations.
f) Maintain accurate records of equipment maintenance activities, repairs, and inspections.
g) Complete documentation and reports related to equipment performance and maintenance activities.
h) Follow safety protocols and guidelines to maintain a safe working environment.
i) Identify and report safety hazards or concerns to the Ops Manager.
j) Collaborate with the Ops Manager and team members to identify areas for equipment performance improvement.
k) Stay updated with industry advancements and technological developments related to CMC manufacturing.

About HTMS:

High Temperature Material Systems Limited (HTMS), founded in 2021 by Dr. Danilo Di Salvo and Dr. Richard Grainger, is at the forefront of delivering emerging materials technologies for the high-value manufacturing sector in the UK. As a niche player specialising in the development of innovative CMCs, HTMS is dedicated to pushing the boundaries of materials science. Our mission revolves around crafting bespoke CMC materials through pioneering research and novel matrix chemistries, aimed at enhancing performance, durability, and functionality, solidifying our commitment to innovation in the field.

Company Culture and Values:

1. HTMS is committed to innovation, quality, and sustainability.
2. We value collaboration, continuous learning, and the professional growth of our team members.

Benefits and Growth Opportunities:

1. Competitive salary and benefits package.
2. Opportunities for unparalleled professional development and advancement.
3. Leading cutting-edge technology and projects in the high value manufacturing sector.

About you:

Qualifications and Experience:

1. A vocational qualification or associate degree in Materials Science, Engineering, or a related technical field.

2. Experience in a manufacturing or technical role, preferably within the composite materials industry.

Skills:

1. Proficient in operating and maintaining complex manufacturing equipment.
2. Strong attention to detail for monitoring production processes and ensuring quality standards.
3. Excellent documentation skills for maintaining accurate records of equipment maintenance and production activities.
4. A commitment to safety, with knowledge of industry standard safety protocols and guidelines.
5. Ability to work collaboratively in a team environment and communicate effectively with all levels of the organisation.
6. Keen to engage in continuous learning and stay updated with the latest advancements in composite material manufacturing.