

Position: Graduate Manufacturing Engineer

Location: Bromborough, Wirral

Salary: £22,000 – £25,000

Job Purpose:

This position of Graduate Manufacturing Engineer will focus on learning and developing an academic understanding of Composite Engineering with hands on experience. Working within a well-established Engineering Department this position will include various project work, alongside the day-to-day Manufacturing Engineering tasks. A strong understanding of Composites, Engineering Processes and the Aerospace industry would be greatly beneficial in this role.

Key Responsibilities:

- Create and maintain manufacturing instructions, technique sheets and work instructions for the manufacture of composite components and assemblies
- Identify tooling requirements and manage the design, supply and commissioning of tooling
- Assist with the resolution of day-to-day manufacturing problems/issues
- Support various lean/improvement projects
- Create and maintain ply cutting data and nests (automated and manual ply cutting)
- Cure profile programming – Autoclave and Oven
- Create and maintain mould tool thermal calibration instructions and reports
- Raise and co-ordinate customer/supplier query notes (EQN, WQN, TLQ etc.)
- Support NPI project teams
- Internal liaison with other manufacturing divisions and departments
- Assist with internal and external audits
- Customer/Supplier interface on specific projects

Other duties as required

Qualifications & Experience:

- Hold a minimum of a 2:1 degree level in an Engineering, BEng/MEng preferable, but other disciplines will be accepted on their merit
- A strong academic understanding and knowledge of composite materials and engineering processes
- Knowledge of composite manufacturing processes, tooling requirements etc.
- Knowledge of CATIA is desirable
- Understanding of CAD based systems, any experience with laser ply positioning software and hardware would be considered desirable
- Academic understanding of aerospace specifications, preferably relating to composites
- Demonstrable aptitude for organising and problem solving

- Understanding of lean manufacturing principles and tools
- Understanding of Project Management principles and tools

Behavioural Competencies:

- Hardworking, enthusiastic flexible, team player who is also able to use their own initiative – primarily this role is about learning
- Strong communicator
- Comply fully with internal and external Quality Audits
- Work within the guidelines set out in the Teledyne CML Composites Works Procedure Manual and Quality Procedure Manual

About Us:

Teledyne CML Composites based in Bromborough, Wirral provides a comprehensive manufacturing service for composite products in advanced engineering applications, including components and assemblies for aircraft structures and systems.

With a strong pedigree in manufacturing machined and fabricated metallic components for the aerospace industry since the 1940's, Teledyne CML Composites are now focused on the manufacture and supply of composite components.

If you would like to apply for this position, please contact Bethan Waite, HR Assistant with your CV – Bethan.Waite@teledyne.com