

Apprentice Engineering and Manufacturing Support Technician

Job Description

Employer	Innerva / Shapemaster Global Ltd
Location	Huddersfield, West Yorkshire
Apprenticeship	Engineering and Manufacturing Support Technician Level 3
Training Provider	Kirklees College
Qualification	BTEC Level 3 Diploma in Engineering and Manufacturing Support Technologies
Duration	42 months, excluding the end-point assessment period
Working Pattern	Full-time, including college attendance
College Attendance	Year 1: two days per week; Years 2 and 3: one day per week at Kirklees College's Engineering Centre in Huddersfield
Reports to	Head of Product Development
Salary	To be confirmed

Role Purpose

Innerva designs and manufactures specialist power assisted exercise equipment that supports active and healthy ageing. We are looking for an Apprentice Engineering and Manufacturing Support Technician to join our Huddersfield-based engineering and manufacturing team.

The role will provide technical support across engineering, manufacturing, product development, production planning, quality control, documentation and continuous improvement. The successful candidate will learn how to interpret engineering information, support manufacturing processes, use technical software, help solve practical engineering problems and contribute to the development and delivery of Innerva's products.

This is a developmental apprenticeship role, combining hands-on workplace experience at Innerva with formal training through Kirklees College.

Key Responsibilities

Engineering and Manufacturing Support

- Receive, read and interpret engineering data, drawings, specifications and documentation.
- Support engineering and manufacturing activities across equipment, components, systems and processes.
- Produce and maintain technical documentation, data and information to support engineering and manufacturing work.
- Use appropriate technical software to support product, process or equipment-related activities.
- Assist with engineering drawing, CAD, technical data and process documentation where required.
- Support product technical applications and capability.

Production Planning and Workflow

- Support production planning, scheduling and workflow coordination.
- Help plan work and resources required for engineering or manufacturing tasks and projects.
- Communicate with internal teams and, where appropriate, external stakeholders.
- Support the smooth handover of technical information between engineering, production, purchasing, sales and customer support.
- Assist with the introduction of product updates, process changes and production improvements.

Quality, Testing and Inspection

- Carry out quality checks during and after technical support activities.
- Support inspections and tests to analyse products, components, equipment or processes.
- Record results accurately and help prepare technical reports.
- Identify problems within engineering or manufacturing activities and contribute to suitable solutions.
- Support safe working practices and specification requirements.

Product Development and Innovation

- Support product development, innovation and improvement projects.
- Assist with investigations, reviews and technical reports.
- Help gather, record and present technical information.
- Support continuous improvement activities that address business needs.
- Learn how technical decisions affect product quality, production efficiency and customer outcomes.

Compliance, Health and Safety

- Comply with statutory, quality, organisational, environmental and health and safety regulations.
- Follow Innerva's safe working practices, procedures and quality standards.
- Maintain a professional and tidy working environment.
- Escalate concerns, risks or issues promptly.
- Develop good working habits suitable for an engineering and manufacturing environment.

Apprenticeship Training

The apprenticeship will be delivered by Kirklees College and leads to the BTEC Level 3 Diploma in Engineering and Manufacturing Support Technologies.

The apprenticeship is achieved through end-point assessment by an independent ESFA-approved assessment organisation. This includes a work-based report with presentation and questioning, plus an interview underpinned by a portfolio of evidence.

The apprenticeship aligns with professional registration routes for Engineering Technician through the Institution of Engineering and Technology and the Institution of Mechanical Engineers.

Person Specification

Essential

- GCSE English and maths at grade 4 or above, or equivalent.
- A genuine interest in engineering, manufacturing, product development and practical problem-solving.
- Good attention to detail and a careful, accurate approach to work.
- Willingness to learn, ask questions and take feedback.
- Good communication and teamwork skills.
- A reliable, positive and organised approach.
- Confidence using computers and a willingness to learn engineering and manufacturing software.
- Commitment to safe working practices.

Desirable

- An interest in CAD, engineering drawing, product design, manufacturing, robotics or process engineering.
- Experience of practical making, workshop activity, design technology, engineering projects or problem-solving.
- Interest in products that improve health, wellbeing, independence and quality of life.
- An understanding of manufacturing environments or a desire to work in one.

What Success Looks Like

- Provide effective technical support across engineering and manufacturing activities.
- Interpret and use engineering data, drawings and documentation.
- Support production planning, workflow and resource coordination.
- Use relevant technical software appropriately.
- Carry out inspections, tests and quality checks.
- Produce clear technical reports, documentation and evidence.
- Contribute to problem-solving and continuous improvement.
- Support product development and innovation projects.
- Progress into a skilled engineering or manufacturing support technician role within the business.

Equal Opportunities

Innerva is committed to creating an inclusive working environment and welcomes applications from candidates with different backgrounds, experiences and perspectives.