Job Title: Manufacturing Apprentice (Level 3)

Qualification: Level 3 Engineering Technician

Location: Gloucestershire (Stonehouse/Woodchester/Wotton-under-Edge)

Learning Provider: Gloucestershire Engineering Training (GET)

Duration: 3 years

Salary: £ 16,000

What is a Manufacturing Apprentice?

Production and manufacturing areas can be challenging, fast-paced and highly demanding, where deadlines must be met, and work and products are produced to a high standard. Manufacturing Apprentices are an integral part of the Manufacturing Services Division filling various roles in assembly, machining and maintenance depending on the skills and interests of the individual. This is a practical, hands-on role in a division that requires people to be flexible, dealing with the changing demands on production and the production environment.

Where will I be working?

This role is based across three of our Gloucestershire sites in Stonehouse, Woodchester and Wotton-Under-Edge. **You will need the ability to travel independently to college and work.**

What will I do?

The first year will be spent in full time training at Gloucestershire Engineering Training (GET), a technical facility based in Gloucester. You will learn the basic practical and theoretic principles of engineering and how to perform engineering operations. 20% of your time will be classroom based and 80% is spent in the workshop learning hands-on skills, using machines, and applying theory.

Production activities:

This placement enables apprentices to support production activities in a fast paced and challenging environment. Apprentices will gain an understanding of the assembly process and how different products are built. Some of the tasks include:

- Building products
- Inspecting products
- Interpreting engineering drawings
- Locating stock
- Helping complete engineering projects across multiple disciplines

Machining activities:

This placement enables apprentices to gain experience in and support the production of machined parts that feed into our assembly areas and for other customers. Some of the tasks include:

- Operating/ setting/ programming various CNC machinery/programmes
- Undertaking milling, turning, and grinding techniques
- Using Computer Aided Design (CAD)
- Being able to use verniers, micrometres and other measuring equipment

Maintenance activities:

This placement enables apprentices to gain experience in the maintenance and upkeep of equipment across all manufacturing sites. Some of the tasks include:

- Locating, and rectifying faults on plant and equipment
- Communicate with and provide information to stakeholders in line with personal role and responsibilities
- Inspecting and maintaining appropriate plant and equipment to meet operational requirements

What qualification will I achieve?

- Level 2 Diploma in Advanced Manufacturing Engineering (foundation competence) - PEO
- Level 2 Diploma in Machining (foundation knowledge) - Technical Certificate
- Level 3 Diploma in Machining (development knowledge) - Technical Certificate
- Level 3 Diploma in Advanced Manufacturing and Engineering – Conventional Machinist (development competence) - NVQ

What skills and qualifications do I need?

Applicants must have:

- GCSEs at a minimum of Grade 3 or D including Maths, English and Science. If you don't meet these grades, we look at the whole application so we still want you to apply, you might have the practical skills that we are looking for!
- Other relevant subjects such as Product Design or Engineering would be an advantage. Please note that if you have PEOs or BTECs in Engineering, you may be required to repeat certain modules. Please ensure your CV is up to date with details of qualifications you are currently studying towards, including full titles and levels. You can include predicted grades if you have not completed your studies yet.
- A current or recent job, this does not need to be relevant to engineering and can be a paper round or Saturday job, as this demonstrates maturity, responsibility and independence.
- Relevant work experience done through school or college would be beneficial although is not essential.
- A genuine interest, motivation, and enthusiasm to undertake a practical, hands-on role in a manufacturing and engineering environment.
- Ability to work under your own initiative.