

Metrology Advanced Apprenticeship

Washington, NE37 3HP



The Company

This company is a leading name in the automotive industry, they are a benchmark supplier in the following fields:

- Design and manufacturing of body in white, interior and engine compartment parts.
- Design and production of press dies.
- Design and production of automatic presses.

Background

Metrology is the science of measurement and includes all theoretical and practical aspects of measurement. Measurement underpins the UK economy and international trade. Each year in the UK over £600 billion worth of goods and utilities are sold based on the measurement of their quantity and quality. Metrology takes place across a wide range of industries as diverse as advanced manufacturing, aerospace, automotive, construction, energy, environment, pharma and healthcare and space and within all sizes of organisation. Important measurement activities can range from measuring galaxies to graphene, molecules, chemical pollutants, hip joints, aircraft, industrial emissions, etc.

This important work is carried out by skilled Metrology Technicians who understand core measurement principles and practices and whose role is to interpret and apply these whilst carrying out measurement activities in whichever industry they work. They are also able to identify measurement needs and plan and perform measurement tasks using tools, equipment, instrumentation and software programs. Metrology is vital to improve the quality and throughput of goods and utilities, which in turn is essential to increasing productivity and customer satisfaction.

Metrology Technicians must comply with statutory regulations and health and safety requirements. They will be able to carry out work with minimal supervision, take responsibility for the quality and accuracy of the work they undertake, and will have a high level of attention to detail.

Job Role

The role is 39 hours per week following the companies three shift pattern which will include day, late and night shifts.

As an apprentice Metrology Technician, you will be taught the theoretical and practical skills to:

- Identify measurement needs and make informed decisions about the measurement process and timescales required, including the selection of; tools, equipment, and software program
- Plan and prepare the work environment and perform tests and checks using measurement tools, equipment, and software programs and determine suitability for use.
- Take action when non-conforming tools, equipment, instrumentation, materials and software programs have been identified.
- Retrieve, analyse, interpret, validate and record measurement results and data in line with specification
- Contribute to the production of records, reports and other measurement documentation
- Complete all necessary college work on time and to the correct standard.

Applicants must have GCSE Grade 4/C or above in English and Maths and ideally ICT. In addition, applicants must be able to work alone and as part of a team.

Salary

The successful applicants will start in September on a salary of £5.92 per hour with increments based on successful progression.

To Apply

Interested in this or any of our other apprenticeship vacancies? Apply online at www.seta.co.uk Please click on Engineering at the top of the online form and quote reference **SNmach** in the reference box.