

Quality Metrology Engineer - Omega Plastics

Who we are and what we do:

The Omega Plastics Group is a plastic injection moulding and tooling business. It comprises two businesses – Omega Plastics and Signal Plastics. Our group has a reputation for technical expertise and delivering solutions to challenging problems or in short timeframes. This means we assist customers from product conception through the development cycle and into serial production. Our flexibility and value-add approach means we can be a strategic partner to customers and strive to develop long-term relationships.

Omega Plastics provides high-quality plastic injection moulding services and expertise across four main sectors: industrial and technical, consumer, automotive and medical. We hold ISO 9001 and IATF 16949 certifications. We specialise in low to high volume plastic injection moulding with presses ranging from 30 to 330 tonnes. In addition, we integrate plastic mouldings into more complex assemblies which we manage on behalf of our customers. We are based in Team Valley Trading Estate in Gateshead, which is also our group head office.

Our sister company, Signal Plastics, specialises in high volume plastic injection moulding and assembly, with 13 injection moulding presses ranging from 40 to 1,300 tonnes, some with robot demoulding and packing capability. Its customers include some of the biggest names in the automotive and industrial and technical products sectors. It is based in a 43,500 sq. ft facility on Bentall Business Park in Washington.

We are a company that invests in our people, infrastructure and facilities. Our people are key to the success of the business. We offer a competitive salary and benefits package and invest in the training and development of our colleagues.

Find out more about us here: <http://www.omegaplasticsgroup.co.uk/>

The role

Omega Plastics is recruiting a **Quality Metrology Engineer**. If you have experience of dimensional/mechanical measurement systems and equipment and want to develop your metrology skills in a dynamic and supportive team, this could be a fantastic opportunity for you.

Reporting to the Quality Manager, you will undertake measurement activity using a CMM machine as well as other manual measurement tools. You will work with colleagues in our Engineering, Quality and Production teams, managing a workload and contributing to improvement activities.

We offer a salary of **£35,000 - £40,000** (depending on qualifications, skills and experience), 25 days annual leave (plus the usual public holidays), Death in Service, Company Pension, Employee Assistance Programme, Cycle to Work scheme, work wear provided, free hot drinks and other benefits.

It is a permanent, full-time role based at our Team Valley site, although you may also be required to work at our Washington site.

All candidates must be currently eligible to live and work in the UK.

Role Description and Person Specification

Main duties include:

Interpret engineering drawings and develop CMM programs to measure critical features

Operation of CMM (QCT 3D-Pro), Profile Projectors, Vernier and Micrometers and various hand measuring tools.

Plan and carry out all required measurement activities effectively, to consider pre-production, trials, batch validation and series production products.

Support quality engineering to create and update APQP/PPAP/MSA/PFMEA documentation when required.

Perform basic preventative maintenance on CMMs and maintain/update maintenance log.

Maintain the calibration register for all site measurement equipment.

Provide training to colleagues in measurement techniques and measurement equipment, give guidance and assistance on technical drawings and any other measurement, gauges, equipment use

Support the development and maintenance of procedures, systems and processes to the required specification

Always maintain expected levels of housekeeping/5S within your area

Carry out any quality-related tasks as requested and directed by managers.

The ideal candidate

We are looking for someone with the right experience, skills and attitude to join our team. These include:

Qualified to BTEC, ONC or NVQ Level 3 or equivalent

Strong knowledge of metrology and measurement processes and equipment.

Experience with CMM operation and programming (preferably QCT software)

Technical knowledge of GD&T and reading technical drawings

Knowledge and experience of manufacturing processes and equipment

Attention to detail

Excellent IT skills, in particular with MS Excel.

Aptitude for working in a fast-paced environment

Ability to communicate effectively and build relationships with customers and colleagues across all levels of the business.

Proactive, flexible and enthusiastic approach to work and personal career development.

Experience of working in an organisation with ISO 9001 and/or IATF 16949 certifications (or similar) (desirable).

Ability to self-supervise and work individually as well as part of a team.