**Tool Design Engineer – Omega Plastics**

**Who we are and what we do:**

The Omega Plastics Group was created in 2015 by bringing together two tooling and plastic injection moulding businesses – Omega Plastics and Signal Plastics.

We provide a full turn-key solution of low to high volume tooling and plastic injection moulding services, operating across 4 main sectors: Automotive, Medical, Industrial and Technical Products, and Consumer Products.

Our technical expertise and reputation for delivering solutions to challenging problems or in short timeframes allows us to assist customers from product conception through the development cycle and into serial production.

We are a growing business with a workforce of over 160 colleagues and we continue to invest in our people, infrastructure and facilities. Omega Plastics has a 45,000 sq. ft facility on Team Valley Trading Estate in Gateshead, which is also our Group head office, and Signal Plastics operates from a 43,500 sq. ft facility on Bentall Business Park in Washington.

All colleagues contribute to the success of the business. To recognise this, we offer a competitive salary and benefits package and invest in the training and development our colleagues. We believe this ensures they are engaged and motivated to drive the Group forward.

More information about us can be found at <http://www.omegaplasticsgroup.co.uk/>

**The vacancy**

We are recruitinga **Tool Design Engineer** to join our Tooling team, reporting to our Head of Tooling. This is a fantastic opportunity for someone with the right technical skills, experience and enthusiasm to join a growing team in a dynamic business.

The role involves producing tool designs and any influencing information such as DFMs and BOMs resulting in the successful translation of customers’ concepts into a finished product. You will also manage the purchase of critical items on a timely basis and work collaboratively with our team of tooling engineers and the Head of Tooling to optimise the design process. Full details are set out below.

It is a permanent, full-time role (45 hours per week including paid lunch break) based at our head office on Team Valley.

The role comes with a salary of **between £35,000 and £40,000** (depending on qualifications, skills and experience), 25 days annual leave (plus public holidays) and other benefits.

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

**Main duties and responsibilities**

Main duties include:

* Design of single & multi-cavity tools
* Produce 2D/3D GA’s
* Assist in the cost estimation of tooling
* Prepare Design for Manufacture (DFM) reports
* Compile Bills of Materials (BOMs)
* Review designs with tooling engineers to achieve best practice DFM
* Assist in the review of Tooling GAs when tool manufacture is outsourced
* Attend customer meetings as required
* Support the team with design concepts
* Introduce best practices to the tool design team and ensure high quality standards

**The ideal candidate:**

We are looking for someone with the right skills and attitude to join our team of designers and engineers. These include:

* Minimum 5 years plastic injection mould tool design experience
* HNC minimum or proven experience/apprenticeship
* Experience with 3D CAD software (MasterCam, Solidworks etc)
* Experience preparing Design for Manufacture (DFM) reports
* Worked directly with Injection mould Toolroom CAD/CAM
* Excellent attention to detail
* Ability to work with customers to understand their objectives and produce a DFM
* Ability to work collaboratively with colleagues across our commercial, tooling and projects teams
* Commitment to delivery of an excellent customer journey
* Experience of working within ISO 9001 and IATF 16949 quality standards
* Project planning and delivery skills
* Time management and organisation skills
* Excellent communication and presentation skills
* Advanced MS Office skills

**To apply for this role, please send a CV setting out your qualifications and experience with a covering letter to** [**careers@omega-plastics.co.uk**](mailto:careers@omega-plastics.co.uk)