

An exciting opportunity has arisen within the New Tooling department for a Tool Development Engineer reporting to the Tooling Development Manager. The Tool Development Engineer is primarily responsible for the trial and optimisation of the moulding process that meets the requirement of volume production.

## Responsibilities:

- Ensure tools operate with minimum maintenance and run fully automatic where possible to meet BNL specification.
- To carry out trials & setting of injection moulding machines including robots & associated ancillary equipment.
- React to and help plan tool trials and ensure all OTS dates are achieved.
- Maintain a robust planning system, in conjunction with supply chain, to provide a weekly forecast for all tool trials were possible.
- Provide supply chain with Production Moulding Information.
- Via agreement through the Tooling Development Manager, report trial concerns directly to the tool room and agree the lead time of corrective actions.
- When required, organise the extended trial of new products to facilitate customer requirements.
- Maintain the tool trial documentation.
- Create and maintain BNL moulding standards, utilising continuous improvement methods.
- Actively participate in the development of product designs/tool concepts and assist with tool GA review when required.
- Assist with the creation and development of reaction plans for all new products.
- Assist with the specification and purchase of new plant/auxiliary moulding equipment.
- Assist the Training/guidance of mouldshop personnel to conduct tool trials themselves.
- Support production moulding operations as required.
- Using CI methods make improvements to existing moulding processes, including but not limited to, splitting, close looping, robot operations, and machine settings.
- Culturally aware with a strong customer and quality focus.
- When required, support flexible hours working to meet the demand of short lead times and high trial demand periods. In times of high demand shift working maybe required up to a maximum of one month in any one period.

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# Tool Development Engineer



## Experience/Skills

- Extensive experience in plastic injection moulding processes.
- Wide knowledge of processing various polymer materials.
- Robust approach to problem solving.
- Knowledge of ISO 9001 and TS16949 Product Realisation Process.
- Experience of Moulding from 3D Flow analysis would be an advantage.
- Experience of DOE would be an advantage

## Additional Information

- Modern apprenticeship in Polymer Processing Level 3 or equivalent.
- Injection Mould Setting Advanced Level.
- IT literate.

If you would like to be considered for this position please apply in writing, enclosing a current CV and application form to:

[jobs@bnl-bearings.com](mailto:jobs@bnl-bearings.com) | 01423 799200

Application forms are available on our Careers page:  
<https://bnl-bearings.com/documents-downloads/careers-at-bnl/>