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## Senior Polymer Engineer (Moulding)

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### **Position Summary:**

The Senior Polymer Engineer (Moulding) should have a full understanding of the injection moulding process across a range of applications. The role includes direct support of tool procurement, design, process optimisation, validation and transfer to production. The position will report into the Navigate Director.

### **Key Duties and Responsibilities:**

- Process Introduction of new tools; tool trials at tool makers and in-house, tool set-up, qualification runs and handover to production.
- Assist with the design and debugging of new systems, tooling and automation.
- Completion of IQ, OQ, PQ validation reports. Complete product validations being capable of generating a process window IQ / OQ / PQ protocols and reports.
- Perform designed experiments to enhance processes as well as improve yields and utilization through reduced cycle and efficient set-ups.
- Front line liaison with customers, suppliers and toolmakers.
- Responsible for the Moulding Process Systems including setting sheets, process control, deviation and control of setting sheets.
- Troubleshooting, supporting Team Leaders as required.
- Liaising with tool room, maintenance, production and quality on a daily basis.
- Develop/Implement maintenance programs for moulding and ancillary equipment.
- Assist in maintaining clean, safe working environment.
- Keep your skills current and be conversant with the latest developments in technologies and materials which are relevant to the Company's business.
- Engage constructively with other functions within the Company to drive continuous improvement.
- To take on other duties which the Company may assign you from time to time. These "other duties" will be agreed with management prior to any assignment.
- To meet and/or exceed the Milestones and Goals agreed with the Company.

### **Education / Training / Experience**

- Degree in Polymer or Mechanical engineering or equivalent
- 5 years in mould design, procurement, process development and validation experience.
- A knowledge of Engineering and Quality systems.

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- A demonstrated ability to solve problems with innovative and cost effective solutions.
- A demonstrated ability to follow structured problem solving methodology.
- Good interpersonal and communication skills.
- Ability to lead and manage large projects, project teams and multi-project portfolios.
- Ability to make and implement decisions.
- A keen eye for detail and the ability to work in a highly technical, challenging and changing environment.
- Working knowledge of measurement systems.
- Experience in cleanroom procedures and medical moulding would be an advantage, but not necessary.
- Familiar with process set up and validation, including performing process window/repeatability studies, DOE's, IQ, OQ, PQ etc.