

JOB DESCRIPTION

Job Title: Manufacturing Engineer – Injection Moulding Specialist

Department: Engineering

Reporting To: Engineering Director

Role Purpose:

We are seeking a highly skilled and motivated Manufacturing Engineer with extensive experience in injection moulding to join our multifaceted engineering team. This role is critical in driving the development and optimisation of our manufacturing processes, introducing new capabilities, and ensuring the highest standards of quality and efficiency in our manufacturing and production.

Key Responsibilities:

- Evaluate and introduce new manufacturing capabilities, including equipment selection, tooling design, and process automation.
- Responsible for all aspects of our internal manufacturing projects, including leading the design, development, and implementation of internal manufacturing projects including injection moulding for new and existing products
- Drive continuous improvement initiatives to enhance productivity, reduce waste, and improve product quality.
- Collaborate with cross-functional teams including R&D, Quality, and Supply Chain to ensure seamless product launches and process transitions.
- Prepare and maintain comprehensive documentation, including risk assessments, work instruction, stand operating procedures and process validation reports
- Develop and maintain comprehensive documentation, including PFMEAs and control plans
- Troubleshoot and resolve complex manufacturing issues, applying root cause analysis and corrective actions.
- Monitor and analyse key performance indicators (KPIs) to identify trends and areas for improvement.
- Ensure compliance with health, safety, and environmental regulations and company standards.

Qualifications & Experience:

- Bachelor's degree in Mechanical Engineering, Manufacturing Engineering, or a related field or indentured apprenticeship background.
- 5+ years of hands-on experience in a manufacturing engineering role with a strong focus on injection moulding.
- Proven track record of introducing new manufacturing technologies and improving existing production processes.
- Strong knowledge of mould design, materials, and processing parameters.
- Experience with Lean Manufacturing, Six Sigma, or other continuous improvement methodologies.
- Proficiency in CAD software and manufacturing simulation tools is a plus.
- Excellent problem-solving, communication, and project management skills.