

Experienced

ENGINEER

Modules & Polymer Products - Motherson Technology Services Limited (MTSL) - Pune, India

At Motherson, we're committed to creating long-term jobs and advancing global careers. Featured on TIME's World's Best Companies list, we are a diversified global design, engineering, manufacturing, assembly and logistics specialist, delivering full-system solutions to customers across industries. With a focus on innovation, quality and sustainability, we strive to be a trusted industrialisation partner and an employer that nurtures a diverse, inclusive workplace.

Our Modules and Polymer division leads automotive innovation, producing everything from plastic components to complex integrated systems. Trusted by major OEMs worldwide, we also specialise in mould design, tooling, and high-quality upholstery for passenger vehicles. Join us in shaping the future of mobility.

What you'll do

- Experienced Injection Moulding professional with strong expertise in injection moulding process control, troubleshooting, process optimization, productivity improvement, and engineering polymer processing. Proven ability to control and stabilize moulding processes, reduce process variability, improve productivity, and achieve production and quality targets.
- Hands-on experience with PC, PMMA, PBT, PA6, PA66, and PC+ABS materials, along with good knowledge of auxiliary equipment such as CFS systems and dehumidification systems. Skilled in robot programming, EOAT development, technical control, administrative activities, root-cause analysis, and continuous improvement.
- Strong analytical and problem-solving skills with the ability to work effectively with cross-functional teams and maintain positive employee-employer relationships. Focused on achieving quality, productivity, cost, delivery, safety, and process-efficiency objectives.

• Key Responsibilities / Task Description

- Responsible for injection moulding process setup, parameter optimization, process control, and machine start-up activities.
- Monitor and control critical process parameters such as temperature, pressure, injection speed, holding pressure, cooling time, screw position, cycle time, and mould temperature.
- Troubleshoot injection moulding defects such as short moulding, flash, sink marks, warpage, burn marks, flow marks, weld lines, silver streaks, dimensional variation, and colour variation.

What we are looking for

- A results-oriented Injection Moulding Professional with strong hands-on experience in injection moulding process control, production management, troubleshooting, process optimization, and continuous improvement. Experienced in managing moulding operations with a strong focus on quality, productivity, process stability, cost reduction, and target achievement.
- Proficient in processing a wide range of engineering thermoplastics, including PC, PMMA, PBT, PA6, PA66, and PC+ABS, with sound knowledge of material drying, processing conditions, moulding parameters, and defect prevention. Strong technical knowledge of CFS/chiller systems, dehumidification, hopper dryers, temperature controllers, robots, and automation systems.
- Skilled in robot programming and EOAT development, including automation optimization, cycle-time improvement, and integration of robotic systems with injection moulding machines. Experienced in identifying process abnormalities, conducting root-cause analysis, troubleshooting moulding defects, reducing process variation, and implementing corrective and preventive actions.
- Demonstrated ability to drive productivity improvement, cycle-time reduction, rejection reduction, machine utilization improvement, and process standardization. Strong analytical and problem-solving capabilities with a data-driven approach to manufacturing challenges.
- Capable of handling technical and administrative responsibilities, including production planning, manpower coordination, process documentation, SOP implementation, performance monitoring, team development, and cross-functional coordination with Quality, Maintenance, Tool Room, Engineering, and Production teams.
- A proactive team player with strong communication and leadership abilities, committed to maintaining excellent employee-employer relationships, developing team capability, and achieving organizational objectives through continuous improvement, operational discipline, and effective process control.