Experienced

Senior Engineer Tool Development

Vision Systems - Samvardhana Motherson Reflectec (SMR) - Noida, 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 Vision Systems division enhances vehicle safety and visibility with high-quality mirrors and advanced camera systems, trusted by major automotive OEMs worldwide. Join us to collaborate with experts, work with cutting-edge technology, and help shape the future of safer, smarter mobility.

What you'll do

- Conduct tooling feasibility studies in collaboration with CAD engineers during the product design phase to ensure manufacturability and cost-effective tooling solutions.
- Review and validate Tool Design, Design for Manufacturing (DFM), and Mold Flow Analysis for both new and repeat tooling projects.
- Participate in Specification Review and New Product Introduction (NPI) meetings to support product and tooling development activities.
- Provide technical inputs for Request for Quotation (RFQ) preparation, including tooling concepts, feasibility, and cost considerations.
- Monitor Engineering Change Notifications (ECN) and ensure timely implementation of design changes in new tooling projects.
- Manage tooling and CAD data through Product Lifecycle Management (PLM) systems such as Teamcenter, ensuring data accuracy and traceability.
- Coordinate sample preparation, trials, and internal activities for dimensional inspection and assembly validation.
- Communicate tooling issues and corrective actions to tool suppliers based on internal inspection reports and trial feedback.
- Lead tooling trials and support PPAP (Production Part Approval Process) submissions in coordination with the Quality Assurance team.
- Maintain complete tooling documentation and records to support internal, customer, and certification audits.
- Working knowledge of DFMEA (Design Failure Mode and Effects Analysis) and GD&T (Geometric Dimensioning and Tolerancing) concepts.

What we are looking for

- B. Tech (Mechanical) with 4-5 years of post-qualification experience in Automotive industry or
- CIPET / Diploma (Mechanical) with 5-6 of post-qualification experience in Automotive industry

What we offer

A competitive salary and range of benefits

Be part of worldwide team with very big challenges ahead, which bring huge development opportunities for people with big career goals.

If you enjoy working in a fast-paced environment then look no further.

Apply here
Scan the QR code and apply on careers.motherson.com