

Experienced

Senior Executive

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

- 1. APQP & Quality Documentation Management
 - Create Process Flow Diagrams (PFD) tailored to the manufacturing sequences of various new projects.
 - Develop Potential Failure Mode & Effect Analysis (PFMEA) documents to proactively mitigate manufacturing risks.
 - Formulate Special Characteristics Summary Sheets (SCSS) to track and monitor critical-to-quality parameters.
 - Author IATF 16949 audit documentation, compliance reports, and quality validation records as required. Maintain all core quality planning paperwork as living documents throughout the product life cycle.
- 2. Jig & Fixture Engineering
 - Design manufacturing jigs and fixtures from scratch using 3D modeling software for new project rollouts.
 - Support the UK Production Engineering Department (UK PED) to iterate, troubleshoot, and improve existing fixture designs.
 - Achieve optimal tool ergonomics, reduction in setup time, and repeatable component positioning across production lines.
- 3. Cross-Functional Team (CFT) Leadership & Design Reviews
 - Lead formal engineering review meetings alongside the CFT to align on design layouts and functional constraints.
 - Conduct rigorous PFD and PFMEA review workshops with cross-functional stakeholders to capture all production risks.
 - Coordinate peer reviews for final tool approvals with designated team members before releasing files to fabrication.
- Required Skills & Competencies Technical Skills
 - CATIA Proficiency (Essential): skills in 3D modeling, assembly design, and detailing modules are strict prerequisites in Jig & fixture design.
 - Core Quality Tools: Deep structural knowledge of APQP, PPAP, and IATF 16949 audit requirements.
 - APIS Software (Desirable): Prior experience or operational knowledge of APIS software for FMEA and risk analysis is highly

What we are looking for

- Result-oriented Mechanical Engineering Professional (B.Tech) with **5+ years of experience** specializing in New Product Introduction (NPI), APQP documentation, and advanced Jig & Fixture design. Proficient in CATIA for developing robust tooling solutions, with a proven track record of supporting international teams (like UK PED). Expert in driving risk-mitigation through PFD, PFMEA (with knowledge of APIS), and managing IATF 16949 compliance. Strong cross-functional leader skilled in conducting CFT reviews to optimize manufacturing processes and product quality.

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.
- We are an equal opportunity employer where inclusion matters; this is evidenced by us being a Disability confident Committed Employer.