

Engineering & Technical

Experienced

Electrical Engineer

Full Time - Integrated Assemblies - Motherson Sequencing and Assembly Services (MSAS) - Troy, USA

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 Integrated Assemblies division leads in automotive innovation, specialising in premium module assembly and cockpit module integration. We collaborate with customers to deliver cutting-edge solutions supporting electrification. Join us to work with advanced technology and shape the future of automotive innovation.

What you'll do

- Develop, maintain, and calibrate electrical test equipment and benches.
- Define and perform functional, reliability, validation, and EOL testing.
- Analyze data, document results, report findings, and implement corrective actions.
- Support root-cause investigations while ensuring quality, safety, and compliance.
- Specify, install, validate, and optimize production equipment and processes.
- Manage ECR/ECO activities, including feasibility reviews, approvals, documentation, and communication.
- Outline tightening strategies, monitor torque data, and improve assembly quality.
- Design manufacturing processes, cycle times, ergonomics, flowcharts, FMEAs, and work instructions.
- Drive productivity, equipment performance, troubleshooting, maintenance, launches, and improvement.
- Support multi-site operations, standardization, network participation, ISO 14001, EMS, and HSE compliance.

What we are looking for

- Bachelor’s Degree in Engineering
- Minimum of 5 years of experience in Manufacturing Engineering for Senior Process Engineer
- Efficient electrical engineering and programming skills.
- Experience with Automotive EOL testing, diagnostics, CAN/LIN.
- Exposure to torque tools, maintenance, troubleshooting, schematics, wiring, etc.
- Travel to regional sites as needed to support operations and troubleshoot issues.
- Availability to travel for new facilities and to support industrialization

What we offer

- Comprehensive benefit package.
- We show our commitment to our people via the following **values**:
 - Interest for each other: We act with empathy and care about each other and our counterparts.
 - Togetherness: We work together collaboratively and selflessly.
 - Trust: We say what we mean, keep our promises, and treat others with respect.
 - Respect: We respect and value people of all backgrounds.
 - Enthusiasm: We are curious, ambitious, passionate, humble, and life-long learners.