

Imagine working for a large tier-1 supplier in the exciting, fast paced world of automotives. If you enjoy collaborating with a multi-cultural and diverse group of employees, this could be the opportunity for you. Futaba North America provides management support to its automotive parts production companies in North America. The Futaba Group leverages its core technologies such as stamping and welding to create value added products that are in line with the needs of consumers, deliver peace of mind, and promote environmental initiatives that contribute towards a sustainable society.

We are looking for a talented Pre-Process Welding Production Engineer to improve existing welding equipment and oversee the design, development, and the implementation of new welding processes in accordance with company standards and customer quality expectations. This position will be involved from concept to capacity study, plant layout study, workflow analysis, trial runs, production launch, and continuous production improvement. Major responsibilities are as follows:

- Modify current welding methods and develop new ones.
- Research, develop, and test new fabrication processes and procedures.
- Develop welding SOPs to guide production and welding personnel relating to specification restrictions, material processes, pre and post heating requirements involving complex metal alloys, unusual fabrication methods, welding of critical joints, and complex post-heating requirements.
- Evaluate new developments in the welding field for potential application to current welding problems or production processes.
- Provide guidance and instruction to technical personnel involved in performing inspections to ensure team members are compliant with established welding procedures, restrictions, and standards.
- Test welds for conformance with national code requirements. Ensure welding team members are tested and certified.
- Perform experimental welding to evaluate new equipment, techniques, and materials.
- Discover new welding patterns.
- Perform design verification and design validation analysis.
- Supervise onsite and remote engineering trial runs from initial trials to final trials. This includes performing functionality tests, accuracy adjustments, modification requests, and attainment of acceptable tolerance levels.
- Keep track and stay in control of the Production Part Approval Process.
- Work jointly with customers to modify design for manufacturability and best value costs. Provide technical assistance, ensure customer requirements are met, and customers are satisfied.
- Interface with Supply Chain, Production, Quality, and across the organization to improve costs and efficiencies.
- Maintain communications with manager and engineering team on progress, issues, delays, and other pertinent information.
- Develop technical manuals and maintain related project documents and files.
- Travel one week per month (around 30%) to our manufacturing sites along with the opportunity to meet our global team.
- Maintain professional currency in technical knowledge and relevant products, services, and marketplace developments.
- Comply with company policies and procedures and safety and housekeeping requirements.
- Performed other projects and duties as assigned.

#### Requirements:

If you are known as an exceptional employee who produces great work and believes in adding value to everything you do, we want you to join our growing team and share in our vision. The ideal candidate will have a minimum of 2 - 3 years of welding automation and/or design experience. A background in metal fabricating, robotics, PLC (Programmable Logic Controller), and/or automotive parts manufacturing is desirable. Bachelor's Degree in Mechanical, Electrical, Electronic Engineering or a related engineering field is preferred. Working knowledge of 2-D and 3-D software and MS Windows is required. The ability to read and interpret blueprints and 2-D and 3-D drawings is essential. We are looking for a solutions-oriented engineer with solid design, problem solving, and follow-through skills. Must be highly responsive to customers' needs and deliverables.

Our full-time employees enjoy a competitive benefits plan that includes medical, dental, vision, life, disability insurance, 401(k) plan, and more! Work schedule is generally Monday – Friday from 7:30 AM – 4:30 PM or 8:00 AM – 5:00 PM. Must be able to work extended hours as needed. Qualified candidates are requested to email their cover letter and resume. No phone calls please. Equal Opportunity Employer.

Email: [estefanski@futabanaem.com](mailto:estefanski@futabanaem.com)

Website: <https://www.futabasangyo.com>