

Process Engineer

Job Summary

Responsible for evaluating existing processes and configuring manufacturing systems (tube bending / welding / machining) to reduce cost, improve sustainability and develop best practices within the production process.

Primary responsibilities

- Evaluate and improve on processes in manufacturing systems.
- Maintain reliable and safe manufacturing systems while improving production rates, efficiencies, yields, costs and changeovers.
- Develop innovative solutions.
- Improve process capability and production volume while maintaining and improving quality standards.
- Complete process flow optimization, develop material handling and trigger solutions (Kanbans etc)
- Identify process variation using variable data and develop solutions to improve
- Identify and assist with the development of fixturing, gages and other tooling necessary to identify and reduce process variation
- Assist with the implementation of lean tools including kaizens and single piece flow instruction
- Develop and implement systems that optimize all phases of production process.
- Provide suggestions during incident investigations.
- Advise on corrective actions.
- Work with equipment designers and manufacturing officers to develop a cost-effective and working production process.
- Ensure projects are completed on time.
- Ensure financial budgets are followed.

Requirements

- Proven work experience in process engineering
- Excellent technical skills
- Knowledge of process related standards
- Experience in process simulations, SPC, VSM, PFMEA & CP
- AutoCad or SolidWorks skills
- Familiarity with health and safety regulations
- Analytical thinker with interpersonal skills
- BS degree in Manufacturing/Process Engineering_or minimum of 5 years in an automotive tier 1 manufacturing environment