

Senior Manufacturing Engineer

Location: **Spartanburg, SC**

The Manufacturing Engineer plans and designs manufacturing processes and determines parts and tools needed in order to achieve manufacturing goals according to product specification. The Manufacturing Engineer will interact with all levels in Hoke organization, as well as, contractors, vendors, and suppliers. A certain degree of creativity and latitude is required for success. This individual relies on limited experience and judgment to plan and accomplish goals, performs a variety of tasks, and works under general supervision. The Manufacturing Engineer reports to the Value Stream Manager.

Plan and design the manufacturing process through working with CNC programming, CAD, productivity optimization and process flow, cycle time reduction, cost reduction together with implementation of equipment and/or tooling. Plans and designs manufacturing processes and determines parts and tools needed in order to achieve manufacturing goals according to product specification. Position objectives will be accomplished by having familiarity with standard concepts, practices, and procedures associated with metal cutting.

- Determine capability of manufacturing processes to meet product requirements
- Provide accurate documentation for manufacturing processes
- Assist with analytical solutions to technical problems
- Assist with training of employees where applicable
- Assisting in solutions to technical problems
- Striving for continuous process improvement through utilization of current technology
- Project planning & implementation to develop processes that provides capable equipment, tools / fixtures and documentation
- Investigate and evaluate technology to improve process capability and reduce cost of manufacturing
- Productivity optimization process flow, cycle time reduction, cost reduction together with implementation of equipment and/or tooling. This will be accomplished by having familiarity with standard concepts, practices, and procedures associated with metal cutting
- Establish specifications and documentation for tooling and fixtures programs to maintain capability manufacturing process
- Establish cycle times and standards practices for processes
- Provide information and documentation to establish training requirements for processes
- Maximizes efficiency by analyzing layout of equipment, workflow, assembly methods, and work force utilization.
- Maintaining and improving key manufacturing metrics of productivity, scrap reduction, tooling cost, and efficient work flow of assigned manufacturing area. This individual would be responsible for support of our mixed model lean value stream and for key manufacturing metrics of set-up, scrap, quality and throughput.

Requirements

- BSME required
- AutoCAD /Solid Works to accomplish objectives
- Minimum of 10 years Manufacturing Engineering experience with 5+ years in CNC Manufacturing environment
- Excellent familiarity with standard concepts, practices, and procedures associated with metal cutting.

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