



JOB NUMBER: BE-2020-6

JOB TITLE: Quality Assurance Engineer

Supervisor: Manufacturing Engineer

Status: Full Time – Exempt

Office Location: Nunica, MI

Baker Engineering, LLC's (BE) core business centers around the design and development of high tech, high performance technologies for a variety of applications, from custom military and commercial engines, to engine components, to the production of parts and mechanical assemblies for other industries. BE a division of Waséyabek Development Company, LLC that is wholly owned by the Nottawaseppi Huron Band of the Potawatomi, a Federally recognized Indian Tribe.

POSITION SUMMARY

The Quality Assurance Engineer (QAE) will follow part production from inception to completion, oversee quality inspecting of manufactured parts, and maintaining AS9100D and ISO 9001:2015 standards. The QAE will work directly with development engineers, quality technicians, CNC programmers, machinists, suppliers, and customers. The QAE will work within the production team environment to control and maintain all aspects of the quality assurance program.

ESSENTIAL FUNCTIONS

- Maintain all necessary records and procedures in accordance with AS9100D & ISO 9001:2015 standards and company policy
- Conduct internal audits to AS9100D and ISO 9001:2015 standards
- Test current products and identifying deficiencies
- Suggest solutions to identified product problems
- Investigate product quality to make improvements to achieve better customer satisfaction
- Plan, create and manage the overall Quality Planning strategy
- Collaborate with the Product Development team to ensure consistent project execution
- Identify quality assurance process bottleneck and suggest actions for improvement
- Oversee continuous improvement projects
- Collect quality data
- Ensure that safe work procedures are followed by all employees
- Perform Production Part Approval Process (PPAP) and manage control plans
- Maintain material test reports (MTR), various certificates of conformance (COC) and customer required certification, documentation
- Able to isolate, replicate, and report defects and verify defect fixes
- Creative solving of technical problems with the additional benefit of translating solutions
- Maintain Key Performance Indicators (KPIs)
- Monitoring of vendor supplied component parts



- Monitor daily supplier performance to ensure compliance
- Provide training to operators utilizing coordinate-measuring machinery (CMM), optical/comparator, 3D scanning and hand measurement tools
- Perform calibrations on measurement tools

MINIMUM QUALIFICATIONS

- Bachelor's degree or equivalent experience in a manufacturing/steel fabrication environment
- Two / Four years (2-4) as Quality Assurance Engineer experience or equivalent experience preferred, new graduates may be considered
- Three (3) years of experience with a variety of different testing techniques
- Excellent computer skills and experience in Microsoft Windows and Microsoft Office suite is required
- Experience with AS9100D and ISO 9001:2015 and quality standards
- Certified Quality Engineer (CQE) certification
- Ability to use micrometer, caliper, hardness and surface testers, and indicators
- Excellent verbal and written communication skills
- Ability to work independently and efficiently
- Excellent organizational skills
- Excellent problem solving and decision-making skills
- Dependability and ability to work well with other
- United States Citizenship required by contract

WORK ENVIRONMENT

Climate-controlled shop

TRAVEL

This position may require travel up to 25% of the time

POSITION TYPE

This is a full-time exempt position

RELOCATION

Relocation expenses are not provided



HIRING PREFERENCE

Veteran Hiring & Native American Preferences will be applied in accordance with BE policy

Baker Engineering is committed to hiring and retaining a diverse workforce. We are proud to be an Equal Opportunity making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class.