

## **POSITION DESCRIPTION**

**Title: Quality Engineer**

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### **COMPANY OVERVIEW**

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Fisher Barton Specialty Products has developed extended wear solutions for many diverse applications for the world's leading Agricultural Equipment OEM manufacturers.

Fisher Barton's highly engineered integrated manufacturing processes are designed to produce the mechanical requirements unique to each customer's application. Fisher Barton's designs enable our customers to meet the ever increasing demands placed on agricultural components and systems. Fisher Barton's engineered applications can be found on components and in systems ranging from harvesting equipment to tractors. Through Fisher Barton's engineered surface treatments and special processes our customer's products performance is enhanced, their useable life increased, and their downtime reduced.

#### **Position Summary:**

Reports directly to Director of Quality. Executes quality engineering activities in accordance with ISO 9001, and customer specific requirements as directed by the Director of Quality, and as defined below to proactively support operations and Organization objectives and optimize high performance.

#### **Essential Functions:**

- Participates and provides Quality support to new product introduction (NPI) efforts. Responsible for PPAP documentation, submission to customer and follow up through customer approval.
- Provides reliable information regarding compliance, and problem solving resource for the operations team in terms of risk, controls, verification/validation, and meeting industry and customer requirements in regard to part or process changes or concerns.
- Reviews customer Engineering drawing requirements (dimensions, specifications, standards and notes). Helps design and develop gages and determines other inspection and test standards or equipment needed. Communicates concerns and possible methods to resolve to appropriate team members.
- Assumes Supplier Representative responsibility for assigned customers/products. Addresses customer requests/issues/concerns/complaints and ensures these items are dealt with efficiently and appropriately meeting customer deadlines and with proper documentation. This includes Warranty Claim reviews and decisions. This may also involve travel to customer sites and/or participation in inspection, sort, certification or other activities.
- Generate and request customer deviations, waivers, or other authorizations as needed to support operations as well as communicate them to the team and properly maintain the records.
- Attends (and may coordinate) customer quality representative meetings, conference calls, and visits and takes the lead regarding quality topics and action items.
- Serves as a team member with engineering, materials, or operations to trouble shoot issues.
- Develops and generates quality data systems and reports for management as needed.
- Facilitates problem solving and corrective actions (internal and external) activities to ensure compliance with customer and ISO 9001 requirements. Ensures each record addresses error proofing, communication, systemic concerns, and effectiveness. Submits timely responses to customers.

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- Participates in FBSP Control of Non-conforming Material process and is a vital member of the MRB team making timely part containment and disposition decisions in accordance with print, customer, industry, and system requirements.
- May visit suppliers to audit or evaluate product, processes, equipment, part qualification runs. May visit customers for sorts, launch/part qualification runs or other activities to represent FBSP as needed.
- Assists with the maintenance of FBSP quality systems consistent with ISO 9001 and customer requirements including the document data control process.
- Participates in FBSP internal ISO 9001 quality system audits and participates/supports 3<sup>rd</sup> party audits.
- Demonstrates strong computer and windows based software skills (Microsoft Word, Excel, PowerPoint, network, Adobe, Minitab, etc.) as required to accomplish quality activities.
- Coaches, trains, and mentors members in related quality engineering activities.

### **Qualifications:**

Preferred: Bachelor of Science degree or two year degree coupled with two or more years of manufacturing Quality Engineering experience.

Must demonstrate an aptitude for the following:

- The set-up and use of standard metrology equipment and various standard measurement devices (including a general working knowledge of CMM operation). Experience in gage design is a plus.
- Working knowledge of Problem Solving tools such as 8D, 5-why, and PDCA. Experience with Lean application and PPAP process.
- Working knowledge of SPC, correlation studies, and Gauge R&R
- Ability to interpret (and communicate intent) engineering drawings and specifications using basic geometric dimensioning and tolerancing (GD&T).
- Successful experience in managing customer communications.
- Strong organizational skills.
- Must have an accomplishment oriented style.
- Must have the ability and desire to pursue additional training/studies.
- Must demonstrate the ability to work independently with minimal supervision.
- Must have strong written and oral communication skills with all levels of the organization, professional interpersonal skills.
- Must possess strong computer skills.
- ISO 9001 auditor trained is preferred