



Critical features of this job are described under the headings below. Beacon Industries, Inc. reserves the right to assign or reassign duties and responsibilities to or from this job at any time.

Job Title:	Quality Engineer
Department:	Engineering
Reports To:	Quality Manager
FLSA Status:	Exempt

Position Summary:

The Quality Engineer will serve as the internal self-release delegate, supporting Final Inspection DQR process. The QE will lead and/or participate in continuous improvement activities pertaining to process improvements, RC&CA, MRB, Internal/External Audits, and product development. The QE will provide technical support to the engineering, inspection and manufacturing team as needed.

Sample Job description for Quality Engineer:

- Support the maintenance of ISO9001 and AS9100 systems and perform internal audits.
- Liaison to external auditors, and customer audit reviews. Participate in Supplier Quality Audits.
- Generate in-process and final inspection methods documentation defining and utilizing proper inspection techniques and tools.
- Prepare and/or review Delta FAIRs, UPPAP, and First Article Package for customer approval.
- Prepare, and submit deviation requests for approval using customer portals based on customer requirements.
- Identify and implement ideas that will improve inspection methods or enhance the effectiveness of the inspection process and Quality Management System.
- Promote changes supporting continuous improvement initiatives. Lead Six Sigma, Kaizen and other Lean Manufacturing programs and philosophies.
- Maintains CMM program library, and coordinate calibration and maintenance of CMM machines. May write programs for CMM machines in PC-DMIS.
- Support business development by participating in customer contract reviews

Qualification/Skill:

- Bachelor's degree in Mechanical or Quality Engineering with minimum of 3 yrs. and/or +7 years of experience in an Aerospace Quality Control environment
- Working knowledge of ISO9001 and AS9100 standards including internal auditing of the company QMS.
- Prior experience as DQR (holding stamps), and/or must have the desire to undergo DQR training, and become DQR certified for several major turbine engine OEMs.
- Well-rounded knowledge of manufacturing processes and practices, thorough understanding and knowledge of GD&T practices.
- Experience with MS Office programs required. Experience with PC-DMIS, DISCUS, and VISUAL Manufacturing ERP a big plus.
- Experience facilitating third-party audits including NADCAP, internal and customer audits.
- Strong analytical and problem-solving skills; a solutions-orientated team player with strong verbal and written communication skills.
- Read and Thoroughly understand engineering and Blueprint specifications.
- Experience in Audits.
- Maintenance of Quality Management system.
- Experience in FAIR, PPAP & FMEA.
- Experience in Inspection Techniques.