

## Job Description

# Quality Engineer

4-5 Yrs

### About General Aeronautics:

At General Aeronautics (GA) we are passionate about flying objects! GA founders are pioneering aeronautical technologists, who believe in designing and building indigenous aerial vehicles. We are unwavering in leveraging tech to address complex social needs. We are currently focused on building unique solutions for the Agriculture, Medical and Logistics sectors.

### About the Role:

We are looking for a passionate and experienced individual to join us as a Quality Engineer. Your main task for this role will be to establish and monitor the quality standards across the organization. As a Quality Engineer, you will be responsible for developing effective inspection plans in alignment with the Incoming quality check and manufacturing process. Besides, drive continuous improvement in GA's products and processes. Additionally, provide technical guidance to the Quality Inspector and Technicians.

### Key Purpose and Accountabilities:

Primary activities – Prepare and perform quality inspection and analysis for any incoming and outgoing parts of GA and maintain a record of their status.

### Major Duties:

- Supervise incoming quality check, in-process inspection, and final inspection for drones and responsible to certify the quality of the parts.
- Responsible for lay-down the quality standards i.e., AS9100 and monitoring the process to their compliances.
- Evaluate all supplier product quality, and their performance, issue non-conformance if the product or process does not meet the requirements. Visit the suppliers and perform supplier audits.
- Act as a liaison between Suppliers, customers, and GA on quality issues.
- Focus on quality activities to ensure compliance with business environment requirements and improve GA's product quality and system processes performance.
- Getting tools celebration, ensuring software test, validation is done before deployed in production systems and keep records
- Prepare and validate the assembly work instructions (SOP) to ensure product compliance with specifications and ensure integration of inspection steps in the right sequence in the assembly process.
- If requested by the production manager, audit final products prior to delivery for conformity and certify and release products for delivery to customers
- Evaluate and amend sub-processes, procedures, and work instructions under Quality ownership.
- Initiate, investigate and participate in corrective and preventative action plans to address product, process, and system non-conformances.
- Establish and actively participate in GA Corrective Action Board forums.
- Review all relevant documentation for quality requirements and prepare quality plans as required.
- Oversee the control of documents and records, measuring and testing equipment calibration activities, MRB activity within GA
- Use statistical analysis to determine the correct sampling plan/frequency to ensure valid inspection plans.
- Present Quality report and updates to management – once a month.

### Other Duties:

- Follow all relevant departmental policies, processes, and procedures so that work is carried out in a controlled and consistent manner while delivering a world-class product.
- Contribute to cost-efficient usage of all applicable resources to reduce wastage and unnecessary expense to increase efficiency and manage cost.
- Manage self and identify opportunities to take part in change initiatives, programs and projects that reflect international best practices and changes in the competitive environment.
- Adhere to all relevant QHSSE procedures, instructions, and controls so that GA provides a safe, world-class, secure and environmentally responsible products to customers, the public and its own people.
- Identify opportunities to drive continuous improvement in one's scope of the area.
- Conduct PQM (Product Quality meetings) based on Manufacturing and Field activities / problems.

### Experience, qualifications, skills required:

- Diploma/Degree in engineering
- 4+ years' relevant experience
- Experience in Inspections, ATP, IQC, OQC, Internal Audit, Supplier Audit, NCR, RCA, SCAR, CAPA and QC Tools.
- Handling measuring instruments, inspection templates, harnesses, electronic devices, composite materials, and metal components.
- Excellent communication skills and technical presentation skills for group and one-on-one presentations
- Proficiency in Cloud-based ERP and Microsoft Tools.

### Other Requirements:

- Travel: 20% of work required travelling

**Contact : [jobs@generalaeronautics.com](mailto:jobs@generalaeronautics.com)**