Inspector: Inspector III

Uses predetermined methods, operations, setups and prescribed specifications to inspect visually in-process and completed products such as electronic units and subsystems, precision electromechanical assemblies or mechanical units, subassemblies, structural flaws, internal defects, and missing welds. Uses various measuring devices. Accepts, rejects, or reworks defective or malfunctioning units or systems. Works from blueprints, diagrams, dial indicators, preset micrometers, scales, fixtures, customer specifications, drawing or inspection instructions and checklists. May monitor and verify quality in accordance with statistical process or other control procedures. Performs line clearances after each lot to ensure all materials from the previous lot have been removed.

Knowledge
Considerable knowledge of the job. Complete acquaintance with, and understanding of, the general and detailed aspects of the job, and their practical applications to problems and situations ordinarily encountered.

Supervision Received
Limited supervision. No instructions needed on routine work, and general instructions given on new lines of work or special assignments.

Consequence of Errors
Errors may be difficult to detect and would normally result in loss of customer business, material or equipment to resolve.

Contacts
Contacts are frequent with individuals representing other departments, and/or representing outside organizations. Contacts involve obtaining or providing information or data on matters of moderate importance to the function of the department or which may be of sensitive nature.

Work Products (Examples may include but are not limited to)
Excellent understanding of the aerospace industry as it relates to airframe assemblies, especially composite structures and the manufacturing, assembly, and inspection processes used in their manufacture. Possess working knowledge of inspection tools, equipment, methods, and instrumentation (including electronic inspection devices) as they relate to airframe components and assemblies. Assist in determination of root causes for defects, and in formulation of corrective actions to prevent defect recurrence. Thorough understanding of computer models, drawings, Quality System procedures, Acceptance Test Procedures, and Specifications. Required to assist lower and higher levels of inspection and manufacturing personnel. Ability to complete First Article packages per AS 9102 or equivalent.

Minimum Education and Experience
Minimum 5 years QA experience in composite airframe components and assemblies. Basic Computer Skills (Excel, Word, Outlook, etc.). Understanding of ISO 9001 and AS9100 requirements, and ability to interpret and comply with sub-tier procedures. Ability to interpret and use Geometric Dimensioning & Tolerancing. Good communication skills, verbal & written. High School Graduate or equivalent, some college desirable. A & P license or equivalent training and experience preferred.