

# Inspector: Inspector II

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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**

Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.

## **Supervision Received**

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

## **Consequence of Errors**

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

## **Contacts**

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

## **Work Products (Examples may include but are not limited to)**

Ability to perform mechanical measurements, using various measuring instruments GD&T methodology. All general duties and responsibilities of an Inspector I including: Ability to perform simple surface plate set-ups, micrometers, height gages, optical comparators, etc. May include ability to perform electronic and/or hybrid inspection of complex electrical assemblies, components and systems. Ability to review reworked and repaired items for acceptance. Ability to determine effectiveness of corrective actions for nonconforming materials. Ability to describe nonconformance situations and assist in the cause and resolution. Ability to understand drawings and drawing notes. Ability to perform Receiving Inspection, In-process Inspection, and Final Inspection functions. Required to assist lower and higher levels of inspection personnel.

## **Minimum Education and Experience**

Must have reasonably good manual dexterity. Must be able to bend, stoop, reach and lift 40 lbs. repetitively. Must be able to withstand repetitive contact with water and moisture. High school graduate (or equivalent). Ability to read and write English. Ability to perform basic mathematical concepts. Blueprints. Computer Skills and CAD preferred.