

# Inspector: Inspector I

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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**

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

## **Supervision Received**

Close supervision involving detailed instructions and constant checking on work performance.

## **Consequence of Errors**

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

## **Contacts**

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

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

Performs uncomplicated mechanical measurements, using a range of measuring tools. Reviews reworked and repaired items for acceptance. Describes nonconformance situations and may assist in the cause and resolution. Understands drawings and drawing notes. Performs Receiving and Inspection functions. Performs manufacturing in-process inspections. Performs Non-destructive testing such as pressure and vacuum only. Assists in performing higher levels of inspection. Other duties as assigned.

## **Minimum Education and Experience**

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