

Machined Parts Inspector: Machined Parts Inspector II

Inspects machined or partially machined parts, using predetermined methods and sequences to ensure compliance with customer and company specifications and quality requirement. Devises setups to measure the accuracy of compound angles, exacting tolerances and numerous dimensions. Works from drawings, sketches and specifications. Analyzes defective parts to determine cause of defect and recommends corrective action. May determine method and sequences necessary to perform inspections.

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, to 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. 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 and Inspection functions. Electronic Inspections (FARO Arm/Laser Tracker). Excellent understanding in Geometric Dimensional and Tolerancing. The duties and responsibilities are not limited to the above; the incumbent is also obligated to assist lower and higher levels of inspection personnel.

Minimum Education and Experience

Reasonably good manual dexterity. Able to bend, stoop, reach and lift 40 lbs. repetitively. The incumbent must be able to withstand repetitive contact with water and moisture. High school graduate (or equivalent). Ability to read and write English and the ability to perform basic mathematical concepts. Blueprint interpretation (GD&T) Computer Skills.