



Mechanical Inspector

Date:	January 31, 2019	Job Family:	Technical/Production
Department:	Quality	Job Group:	Production
Reports to:	Manager of Quality Services	OT Status:	Non- Exempt
Location:	Monticello, MN	Relocation Available:	No
Openings:	Day Shift Monday-Thursday or Tuesday-Friday 6:00am-4:30pm		

Job Summary

The Mechanical Inspector will inspect and disposition products using gauges, coordinate measuring machine, scales, and vision to ensure products are consistent with established standards, customer specifications and production goals.

Essential Functions

The primary duties and responsibilities of the Mechanical Inspector II consist of but are not limited to:

In addition to Mechanical Inspector Level I

- Under limited supervision performs a variety of inspection functions including: First piece off machine, parts / products or materials being produced in house or received from suppliers.
- Uses a variety of inspection measuring instruments including electronic devices, comparators, Vision systems – Does not include programming
- Checks color, finish, dimensions, hardness, chemical composition of parts and materials
- Performs detailed first article inspections
- Works with machinists to assist in inspection methods
- Recommend modification of sampling or inspection procedures
- Oversee Level 1 inspectors
- Use and understanding of statistical software (QC- calc / QC gauge)
- Accurately and reliably enter data into quality and MRP systems and instruct / train others in these systems.
- Interpret CMM/ vision system readouts
- Effectively communicate with production floor, and engineering in relation to areas of concern with dimensional accuracy
- Perform source inspections
- Provide internal auditing
- Prolonged sitting up to 5.5 hours, with change of position as needed
- Visual acuity
- Fine motor dexterity
- Frequent use of hands and upper extremities in fine and gross manipulation with parts
- Prolonged standing/walking ranging from 2-4 hours as needed for inspection task
- Lifting Requirements: 40 LBS

Qualifications

- Minimum Requirements - Graduate of High School
- Preferred – ASQ certified mechanical Inspector
- Minimum of 3 years of experience working in Quality Inspection in a manufacturing environment.
- Background in machining preferred
- Experience with visual inspection, VCMM, and CMM Machines

Accountabilities

- Quantifiably ensure compliance of dimensional accuracy of a part
- Communicate areas of concern as it relates to the dimensional accuracy

Authorities

- Authority to stop processes if necessary
- Decision making of non conformance status for part and material quality dimensionally, cosmetically, and certification (proper paperwork)
- Create non conformances in system if warranted

Competencies

- Strong mathematic skills
- Understanding of Coordinate Measuring Machine (run and interpret reports)
- Experience working in an ERP system
- Ability to effectively mentor to others
- Ability to accurately perform multiple tasks in a fast-paced environment to assure delivery requirements
- Good communication skills both verbal and written
- Ability to keep accurate records
- Ability to follow documented procedures and standards
- Excellent time-management skills with the ability to work independently with little supervision

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