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| **Sr. QA Mechanical inspector** |

**OVERALL FUNCTION:**

Reporting to the Director of Quality Assurance, the Sr. QA Mechanical Inspector will perform a variety of routine, semi-routine and complex inspection procedures to ensure quality levels at various stages of production. This is a full-time non-exempt position.

**ESSENTIAL RESPONSIBILITIES:**

* Perform first piece and finished mechanical part dimensional inspections, for conformance to documented quality assurance standards.
* Accurately completes all quality control documentation such as defective material report, history folder and control charts.
* Follows verbal and/or written instructions such as blueprints, travelers, work instruction, process specifications, sketches, and direction of supervisor in completing a variety of inspection tasks.
* Assist in other Quality departments such as the auditing group as required to support production demands.
* Assist material handlers to support movement of accepted material as required.
* Perform in-depth paint and cosmetic inspection specified to ASTM standards.

**REQUIRED SKILLS & EXPERIENCE:**

* At least 8 years of precision mechanical inspection experience in a fast-paced manufacturing environment.
* Ability to read and interpret machining and fabrication drawings, including a thorough understanding of Geometric Tolerancing as outlined by ANSI Y14.5.
* Competency in using CMM equipment –soft probe technology and in SPC (Statistical process control)
* Ability to use calipers, micrometers, radius gauges and other various mechanical inspection tools.
* Familiarity with CMM (coordinate measurement machine) operation is mandatory. Experience using PC Dmis software is preferred.
* Knowledgeable in the use of the Windows and MS Office applications
* Strong clerical and math skills, including the calculation of simple trigonometry formulas.
* Team player and ability to work with little or no supervision.
* Must be able to work a flexible schedule and mandatory overtime.
* 5% local travel should be expected, therefore reliable transportation is required
* Ability to routinely lift 50 lbs.