Job Description Job Title: Quality Technician

SUMMARY

Tests and inspects products at various stages of production process and compiles and evaluates statistical data to determine and maintain quality and reliability of products by performing the following duties.

This position also inspects and audits purchased, fabricated, and welded metal components and assemblies. This role will also inspect and audit powder painted parts. Review metallurgical and paint certifications for received materials. Conduct performance testing on painted products. Monitor process controls.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Interprets engineering drawings, schematic diagrams, or formulas and confers with Quality Supervisor or engineering staff to determine quality and reliability standards.

Conducts inspections and test as assigned:

- Inspects and/or tests at specified stages in production process, for variety of qualities such as dimensions, performance, and mechanical, electrical, or chemical characteristics.
- Records inspections and test data.
- Applies statistical quality control procedures to display and analyze data.

Evaluates inspection and test data and produces standardized reports to validate or indicate deviations from existing standards.

Recommends modifications of existing quality or production standards to achieve optimum quality within limits of equipment capability.

Sets up and performs destructive and nondestructive tests on materials, parts, or products to measure performance, life, or material characteristics.

Prepares graphs or charts of data or enters data into computer for analysis.

Ensure compliance with corporate and plant safety standards.

Other duties may be assigned.

SUPERVISORY RESPONSIBILITIES  None

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
EDUCATION and/or EXPERIENCE

Associate Degree in a related technical field required. Bachelor’s degree preferred. At least two or more years of related work experience and/or training; or equivalent combination of education and experience. Aptitude to take direction and orders and execute them efficiently. Demonstrated detail orientation, self motivation skills and ability to multi-task. Previous experience working within a highly standardized environment.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

MATHEMATICAL SKILLS

Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

REASONING ABILITY

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

CERTIFICATES, LICENSES, REGISTRATIONS

Lean Sigma exposure a plus.

PHYSICAL DEMANDS/WORK ENVIRONMENT

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.