

OT1051 - Quality Engineer I (TCP_01)

Job Family: Engineering - Quality Engineering

Job Family Definition:

Responsible for designing, implementing and maintaining quality engineering protocols and methods for building, assembly and test transforming materials into partially finished or finished products. Ensures compliance of manufacturing and production processes with internal and external safety, quality and regulatory standards requirements for worldwide distribution. Designs methods and procedures for inspecting, testing and evaluating the precision and accuracy of production processes, production equipment and finished products. Performs analysis of reports and production data to identify trends and recommend updates or changes to design, test, manufacturing, quality standards and procedures when necessary. Recommends performance objectives for engineering, test, manufacturing, product and design functions. May assure compliance to in-house and/or external specifications and standards (i.e. Six Sigma, Lean Sigma and others).

Management Level Definition:

Contributes to assignments of limited scope by applying technical concepts and theoretical knowledge acquired through specialized training, education, or previous experience. Acts as team member by providing information, analysis and recommendations in support of team efforts. Exercises independent judgment within defined parameters.

Responsibilities:

- Implements and assists with designing portions of quality requirements, processes, and practices into the development, design, manufacturing, and continuous improvement of portions of a product or solution.
- Collects, consolidates, and charts data from reports, testing, and process results for assigned portions of components to identify trends and issues; learns and practices basic root- cause analysis.
- Implements specified changes to quality processes to reduce defects and improve quality.
- Develops understanding of and relationship with internal and outsourced partners for product development and manufacturing.

Education and Experience Required:

- Bachelor's or Master's degree in Industrial Engineering, Manufacturing Engineering, Electrical Engineering, or equivalent.
- Typically 0-2 years experience.

Knowledge and Skills:

- Experience or understanding of engineering and testing tools and software packages.
- Good analytical, statistics, and problem solving skills.
- Basic understanding of material properties, hardware and electrical component design and manufacture, and industry quality standards and methodologies.
- Good written and verbal communication skills; mastery in English and local language.