

Senior Development Quality Engineer

Zimplistic is a product design company inventing intelligent kitchen appliances that promote healthy eating through simplicity & automation.

Rotimatic is world's first fully automatic roti and flatbread making solution. For centuries women have spent time daily to make fresh rotis for their families, a task which is often described as a chore and a hassle. Rotimatic solves this problem and frees up people from the daily chore.

Role & Responsibilities:

As a Group Leader of the Development Quality Team, you are expected to lead and participate in all development quality related activities in New Product Introduction programs with special attentions for:

- Conducting requirements studies and translate them to Critical-To- Quality (CTQs) and co-establish the required capabilities of the CTQs
- Developing test cases based on the CTQs, and characterize the product functionalities to ensure components/products meet quality requirements
- Formulating Accelerated Test Plans and methodologies
- Developing Reliability Test Plan, concepts, and the engineering designs of the test fixtures and jigs
- Performing DFMEA in collaboration with cross-functional team Leading issue management forums
- Supporting quality improvement and cost reduction qualification projects

Skills, Experiences and Competencies:

- Hands-on knowledge on test and measurement instrumentation
- Knowledge on programming such as Labview, Python
- Strong analytical and problem-solving skills
- Application knowledge of statistical tools in Hypothesis Testing, Reliability Analysis, Capability Analysis, MTTF, Reliability Demonstration etc.
- Formulation of Test Requirements and Verification methods
- Formulation of Test Plan and Quality Inspection Plan

Requirements:

- A Bachelor or a Master's degree in electrical, Mechanical or Mechatronics Engineering
- Proven track record in area of Development Quality and managing product quality in multi-disciplinary, consumer or domestic product development environment.
- 3 to 5 years of track record in the field of Development Quality
- Hands-on knowledge on test and measurement instrumentation
- Knowledge on programming such as Labview, Python
- Strong analytical and problem-solving skills
- Application of statistical tools in Hypothesis Testing, Reliability Analysis, Capability Analysis