Reliability and Test Engineer - **SAN JOSE, CA /** **MANUFACTURING AND QUALITY /** **FULL TIME**

**Job Description**

The primary purpose of the position is to become the technical resource of products’ reliability testing and qualifications, interfacing with R&D, contract manufacturing partners and suppliers to help solve issues. Successful job execution requires excellent participation in all aspects of the operations process with hands on experience in Reliability, Quality, New Product Introduction and Testing.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**include the following. Other duties may **be assigned.**

·         Hands-on and experienced with FMEA, design for reliability (DFR), DFT and design for manufacturability (DFM) concepts, particularly as they relate to process, property and complex manufacturing systems

Demonstrate ability to analyze and troubleshoot products from a Systems Engineering perspective

·         Drive all product qualification and reliability related activities, including but not limited to failure analysis, tracking, reporting, and communicating with internal teams, suppliers and customers.

·         Plan and execute reliability testing and life time modeling for company consumer products

·         Coordinate third-party performance and regulatory testing

·         Participate and support the DFR and FMEA activities during product design and development.

·         Support R&D and Manufacturing in process improvements and cost reduction activities

·         Participate in Test tool gauge R&R studies and cross site calibration with CM

·         Analyze Test results and submit recommendations for improvement

·         Able to work with and train factory technicians and operators

·         Participate in NC (non-conformance) investigations, failure analysis, corrective actions and dispositions

·         Participate in ECO processing with a focus on design for manufacturability, BOM/Routings, and ERP update

**REQUIREMENTS:**

·         Requires a BS degree in Engineering with 5 years+ of related Engineering experience

·         Adept in statistical data analysis, design of experiments and clear reporting. Six Sigma training is a plus

·         Familiar with reliability data analysis software, e.g. JMP, Minitab, and /or Weibull++ package

·         Familiar with industry testing standards, such as JEDEC, IES, IEC,  and SolidWorks

·         Ability to multi-task, and with little outside direction, set priorities in a rapidly changing environment

·         Excellent communication and presentation skills, both oral and written

·         Team player working across multiple functions with high ethical standards

·         Self-motivated with strong drive to achieve business objectives

·         Ability to work with others in a proactive, positive, and constructive manner

·         Must be able to travel across US, Europe and Asia.