

JOB DESCRIPTION

Job Identification	
Position Title	Assembly and Test Manufacturing Engineer
Division/Dept./Section	Assembly, Test & Packaging

Job Objective/s
<p>To sustain and improve assembly and tester performance indices to meet operations manufacturing goals via design, analysis and proto-typing of electronic hardware. He/she will also conduct systems simulation, modelling to setup and functionality of the new manufacturing assembly processes and equipment.</p> <p>The incumbent will also require to prepare to do technical documentations of changes to ensure there is proper documentation trails.</p>

Duties and Responsibilities
<ul style="list-style-type: none"> • Monitor and control test and assembly equipment performance indices • Troubleshoot test and assembly equipment-related problems to minimize equipment downtime • Maximize the uptime of test and assembly equipment to sustain equipment performance • Establish stock levels of essential spares and consumables to support test and assembly equipment maintenance based on forecasted manufacturing volume • Forecast test and assembly spares and other equipment-related expenditures • Provide and maintain preventive maintenance specifications for equipment to meet ISO requirements • Provide training for AEs/Technician/Operator to perform manufacturing tasks assigned • Evaluate and optimize the manufacturing process flow. • Implement improvement projects to upkeep capabilities and reliabilities of test and assembly equipment • Co-ordinate new equipment start-up to support production, from facilities hook-up, vendor start-up, to acceptance of equipment for production • Lead yield improvement initiatives. • Troubleshoot and investigate product quality failures. • Documentation of corrective action and best-known practices/methods to allow more efficient troubleshooting. • Ensure good housekeeping and safety practices in the work area. •

Qualification Guidelines	
Minimum Education	Bachelor's Degree in Electrical/ Electronic Engineering
Minimum Experience	<p>Minimum 5 years' working experience with Electronic hardware design or troubleshooting</p> <p>Experience in semiconductor industry is advantageous</p>
Specific Knowledge / Skills	<p>Experience in electronic design or troubleshooting of software/firmware.</p> <p>Good knowledge of Analogue and Digital Design/troubleshooting including microprocessors/microcontrollers and embedded firmware/software/ Programmable logic controller</p>