

JOB ROLE	RESPONSIBILITIES	REQUIREMENTS
<p>1. Associate Engineer, Equipment</p>	<ul style="list-style-type: none"> • Assist the engineers to sustain and improve all equipment performance indices to meet operations goals. • Perform shift duties to support the running of Production in the Module and ensure equipment readiness and worthiness for production. • Perform scheduled equipment preventive maintenance (PM), calibration and troubleshoot equipment-related problems on a timely basis to minimise equipment downtime. • Assist engineers in the installation and hook-up of new equipment. • Perform task with zero error. • Prepare consumables/preventive maintenance parts to ensure adequate provision. • Participate in continuous improvement programmes to improve productivity and output quality of the Module, and constantly monitor and feedback to Engineers to improve performance of equipment to meet Module objectives. • Assist in implementing process improvement projects. • Ensure good housekeeping and safety practices in the Fab. • Safe custody of tools, equipment and other properties belonging to the Module. • Assist new Associate Engineers on their on-job-training (OJT) by acting as their buddy. 	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechatronics / Mechanical / Microelectronics / Chemical Process Technology • Basic engineering knowledge, which may include semiconductor devices theory, electronics, electrical / pneumatic / hydraulic control system, digital principle, wafer fabrication processes, pump and vacuum system and electrical wiring system • Proficient in Microsoft business applications • Good problem-solving skills • Able to perform 12-hour rotating shift

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<p>2. Associate Engineer, Process</p>	<ul style="list-style-type: none"> • Assist engineers to develop, sustain and improve process capabilities indices to meet operations goals. • Perform shift duties to support the running of Production in the module and ensure that process integrity for machines is in place for production. • Assist engineers in the qualification and fine-tuning of processes for production. • Fast response in highlighting and trouble-shoot process-related issues and minimise the time lots on hold. • Create job-files for metrology tools for production set-up, and housekeeping of files. • Perform task with zero error. • Monitor and improve on the qualified process using SPC and other statistical tools. • Assist in implementing process improvement projects. • Maintain a good audit system for ISO requirements, internal and QA audit on process documentation. • Participate in continuous improvement programmes to improve productivity and output quality of the module. 	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechatronics / Mechanical / Microelectronics / Chemical Process Technology • Basic engineering knowledge, which may include semiconductor devices theory, electronics, electrical / pneumatic / hydraulic control system, digital principle, wafer fabrication processes, pump and vacuum system and electrical wiring system • Proficient in Microsoft business applications • Good problem-solving skills • Able to perform 12-hour rotating shift

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<p>3. Associate Engineer, Test Equipment</p>	<ul style="list-style-type: none"> • Provide engineering support on all equipment operational issues to meet production output and quality. • Support Engineers to evaluate, set up, qualify, maintain and calibrate test system for operation to meet customer needs, equipment specifications. • Perform daily preventive maintenance for all Testers as per schedule and support engineer in equipment qualification and release to production in meeting output, quality & reliability. • Provide line and engineering support that include equipment conversion, repair, maintenance and operational issues to minimise equipment downtime in meeting output, quality and cycle time. • Prepare daily engineering reports and preventive maintenance checklist for all Testers and compilation on equipment conversion / downtime and performance index. • Perform test equipment set-up / conversion for operation. • Maintain, install, troubleshoot and repair all in-house test production equipment. • Assist Leaders / Engineers in driving on their respective CIP's improvements. • Assist Leaders / Engineers in driving on the productivity and cost control effective operation. • Organise, maintain and safe-keep equipment, spare parts and consumables. • Update maintenance records. • Lead / ensure good housekeeping, plant work discipline, ESD and safety awareness at all times. 	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechanical Engineering • Knowledge in Flip Chip front-of-line / Tape & Reel / Laser mark / Post saw inspection machines will be an advantage • Strong capability in equipment troubleshooting • Ability to work under pressure and in a dynamic environment • Able to work on unpredictable time schedules and on 12-hour shift • Self-starter & Team Player and comfortable working with cross-functional teams across geographic boundaries