

JOB DESCRIPTION

Job Title:	Electrical Engineer	Department:	Engineering
Reporting To:	Manager	Location:	Malacca, Malaysia
Objective / Purpose of the Job			
To develop, test and troubleshoot electrical components and systems for semiconductor equipment			
Key Activities / Accountabilities			
<ul style="list-style-type: none"> • Design and implement new electrical control module to improve system performance • Evaluate existing systems and recommend modification to improve system reliability • Perform components integration, system levels testing and optimisation and documentation of schematic diagrams and product information • Work with team members through different phases of development to ensure project can be completed satisfactorily, on time, and within budget • Participate in field testing to evaluate performance of new system or building prototype • Any other duties as assigned 			
Working Conditions			
<ul style="list-style-type: none"> ▪ High level of personal flexibility ▪ Working beyond office hours when the need arises 			
Preferred Qualifications, Experience and Skills			
Qualification:	Diploma/degree in engineering course (Electrical, Electronics, Electro-Mechanical or Mechanical)		
Experience:	<ul style="list-style-type: none"> ▪ At least 2-5 years relevant experience in Semiconductor industry ▪ Familiar with project management and workflows 		
Technical Skills:	<ul style="list-style-type: none"> ▪ Relevant technical knowledge in equipment troubleshooting. ▪ Knowledge in firmware modification of microcontroller and motor driver is a plus ▪ Electronics/Electrical troubleshooting. ▪ Knowledge in Windows and PC applications 		
Competencies:	<ul style="list-style-type: none"> ▪ Communication capability with all levels ▪ Possess a creative mindset to identify and problem-solving skills ▪ Planning and organising ▪ Drive for results ▪ Analytical skills 		
Language Capability:	<ul style="list-style-type: none"> ▪ Proficiency in spoken and written English 		