

## AMF PTE Ltd

### Job Description – Opto-Electronics Test Engineer

<b><i>R&amp;D Photonics Technology</i></b>	
<b>1. ORGANIZATION:</b>	
Department:	AMF Pte Ltd – Photonics Technology
Reporting Officer:	R&D
Number of Direct Reports:	2
<b>2. JOB SUMMARY:</b>	
<p>We are seeking a highly motivated, hands-on Opto-Electronics Test Engineer for the optoelectronics devices measurement and characterization. You will be playing roles in executing different types of process measurement related to optical and electrical test of optoelectronics devices.</p>	

<b>Job Description</b>	
<p><b><u><a href="#">Opto-Electronics Test Engineer</a></u></b></p>	
<p><b>Roles &amp; Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Responsible to test and characterize optoelectronics devices at chip level and wafer level by following process documentation and equipment operating instructions.</li> <li>• Data analysis, generate test reports with measurement results and reviews with related stakeholders in a timely manner.</li> <li>• Support for new test capability setup, prepare documentation to standardize the new test procedure.</li> <li>• Maintenance test setups as well as liaise with vendors to do the calibration.</li> <li>• Support the adaptation of equipment from hands-on process measurement to high-volume automatic manufacturing test platforms.</li> <li>• Collaborate with project team members to ensure device meets specification and verify device's performance.</li> <li>• Lab management, including Clean, organize lab/workspace and new Equipment / Miscellaneous part purchase.</li> <li>• Performs other duties as assigned. Duties will vary according to the project progress and/or the specific goals of the company.</li> </ul>	
<b>Job Requirements</b>	
<p>Qualification &amp; Field of Study</p>	<ul style="list-style-type: none"> <li>• Degree/Diploma/NITEC in Electrical / Electronic / Mechanical / MaterialSc or BSc (Physics / Chemistry) and above.</li> </ul>
<p>Min. Years of Experience</p>	<ul style="list-style-type: none"> <li>• 1 years of hands-on experience in optoelectronics test engineering and high volume manufacturing.</li> </ul>
<p>Other Requirements (e.g. Skills, Competencies)</p>	<ul style="list-style-type: none"> <li>• Strong Self-motivation and interest on optoelectronics</li> <li>• Strong oral and written communications skills and demonstrated ability to work in a team-oriented environment.</li> <li>• Excellent data analysis and solid statistical skills.</li> <li>• Some experience in lab automation is preferred (for example Python or Labview).</li> </ul>