

## CANDIDATE SPECIFICATION



<b>JOB TITLE</b>	Manufacturing Engineer	
<b>REPORTING TO</b>	Technical Manager	
<b>DEPARTMENT/SUB DEPARTMENT</b>	Electronics	
<b>LOCATION</b>	St Neots	
<b>OVERALL PURPOSE</b>		
Responsible for the undertaking of manufacturing engineering tasks related to the development and production of electronic and electro-mechanical assemblies.		
<b>PRINCIPLE ACCOUNTABILITIES</b>		
<ul style="list-style-type: none"> <li>• Support the Engineering Department to ensure manufacturability of new design solutions as well as assisting the Engineering Department in the development of new projects and new technologies related to electronic and electro-mechanical assemblies,</li> <li>• Support the Technical Planning Department to create and maintain suitable manufacturing instructions, including SAP routings, detailed work instructions, manufacturing drawings and process specifications, that contain sufficient detail to allow production personnel to complete the applicable manufacturing operations,</li> <li>• Management of product costs throughout the development phase of a project and into production,</li> <li>• To determine the most suitable manufacturing methods and processes in order to achieve the requirements specified within applicable design data,</li> <li>• Support the Test Department to Identify and implement appropriate testing equipment solutions,</li> <li>• Management of development and first build electronic and electro-mechanical assemblies,</li> <li>• Working closely with the Sales, Engineering and Quality departments to ensure that all customer requirements have been captured within the planning process,</li> <li>• Implementation and management of Engineering changes into production,</li> <li>• Provide technical liaison with customers who require a build to print product,</li> <li>• Assist with delivery of any applicable training programmes,</li> <li>• To actively participate in the identification and implementation of continuous improvement initiatives,</li> <li>• Provide assistance to Production Management on the selection, installation and commissioning of new plant and equipment,</li> <li>• Support the MRB process, with root cause and corrective action activities,</li> <li>• To assist in the completion of training programs for all employees as required,</li> <li>• To adhere to Company policies and procedures,</li> <li>• To help create and maintain a safe working environment and observe the published health and safety procedures,</li> <li>• To carry out any other tasks where reasonable and relevant when required.</li> </ul>		
<b>QUALIFICATIONS</b>	<b>ESSENTIAL</b>	<b>DESIRABLE</b>
Minimum BTEC Level 3, Manufacturing Engineering or equivalent	✓	
Apprenticeship served		✓

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EXPERIENCE/ SKILLS	ESSENTIAL	DESIRABLE
Minimum 3 years manufacturing engineering experience, in a low to medium volume electronics production environment – including surface mount, PTH, PCBA cleaning and conformal coating	✓	
Aerospace and/or Defence industry experience		✓
Practical experience of Lean Manufacturing Principals	✓	
Proficient on Windows operating system and Microsoft Office suite	✓	
Proficient in Solid Works		✓
An understanding of SAP ERP and Computer Aided Design processes		✓
Sound electronic engineering principles gained from a practical background	✓	
Ability to work independently while collaborating in a team environment	✓	
Ability to work under pressure and to dead-lines	✓	
PERSONAL SKILLS	ESSENTIAL	DESIRABLE
Team Player	✓	
Strong Work 'Can-do Ethic'	✓	
Exceptional at building relationships	✓	
Excellent Customer Service skills	✓	
Strong attention to detail and time management	✓	
Exceptional Planning and Organisation skills	✓	
High awareness of Productivity and Quality	✓	
Excellent Communication skills	✓	
Flexibility	✓	
Takes Responsibility for actions	✓	
Learn, Apply and Improve	✓	