

<b>Job Title:</b> Production Software Engineer	<b>Location:</b> Hunmanby, Head Office
<b>Department:</b> Production Development	<b>Contract:</b> Full Time/Permanent
<b>Reports To:</b> Production Development Manager	<b>Direct Reports:</b> N/A

### 1.0 Job Summary & Role

- Expected to adapt and learn quickly through an advanced training programme.
- Develop solutions for automatic test equipment used in production processes
- Ongoing maintenance and improvement of existing test sets.
- Maintain quality and control documents for production test equipment

### 2.0 Key Responsibilities & Main Duties

- Liaise with Engineering, Production Engineering and Production to support the product test requirements and developments
- Prepare and communicate progress to management and production team lead
- Liaise with Engineering on new products to ensure the required level of manufacturing testing is in place.
- Input to efficiency improvements on new and existing tests
- Assist Engineering team in development of new products where required
- Develop test scripts and processes for new product development

### 3.0 Internal & External Relationships

Supporting production to ensure optimum efficiency and reduce downtime by maintaining test equipment, keeping communication lines open and ensuring firm timelines are communicated across departments. Reporting directly to production line managers, advising on latest status of issues, and identifying any areas of risk. Finding solutions to keep production operations flowing.

Liaising with Engineering and ensuring you are on pace with latest developments and requirements, running alongside the EPm's to ensure developments are aligned and testing solutions are in place on time. Problems solving and having a heads up approach to new developments. Attending project update meetings and working alongside the Engineering team to bring about a swift solution.

### 4.0 Key Performance Indicators

- Experience in an electronics production engineering role
- Working knowledge in electronic equipment covering both digital and analogue circuitry
- Ability to develop procedural script or PLC languages
- Excellent organisational, communication, IT skills and MS Office skills



**5.0 Essential/Desirable Factors**

<b>Knowledge</b>	
<p>Essential:</p> <ul style="list-style-type: none"> <li>- C, C#, embedded systems, MS-SQL, ASP</li> <li>- PC development using VisualStudio.</li> </ul>	<p>Desirable:</p> <ul style="list-style-type: none"> <li>- Other programming languages (C#, Javascript, HTMS/CSS)</li> <li>- Embedded Linux</li> </ul>
<b>Skills &amp; Attributes</b>	
<p>Essential:</p> <ul style="list-style-type: none"> <li>- Comfortable collaborating closely with electronics engineers on embedded systems</li> <li>- Use to work to a high-quality standards.</li> <li>- Excellent team player with problem-solving and trouble-shooting capabilities</li> <li>- Used to define a task breakdown for a give piece of work and provide estimates.</li> </ul>	<p>Desirable:</p> <ul style="list-style-type: none"> <li>- Follow wiring diagrams</li> <li>- Fault finding on production test equipment</li> <li>-</li> </ul>
<b>Experience</b>	
<p>Essential:</p> <ul style="list-style-type: none"> <li>- Embedded C code for ARM microcontrollers.</li> <li>- Working in a high-volume manufacturing environment.</li> <li>- Debugging code</li> <li>- Source code build tools, bug tracker tools, source code repositories, etc.</li> <li>- Good branching, merging and release experience.</li> </ul>	<p>Desirable:</p>
<b>Qualifications</b>	
<p>Essential:</p> <ul style="list-style-type: none"> <li>- Electrical Engineering to HND/Degree level</li> </ul>	<p>Desirable:</p>

