

axiom

Job Role Definition for  
Systems Manufacturing  
Software Programmer

<b>Name:</b>			
<b>Job Title:</b>	Systems Manufacturing Software Programmer		
<b>Department/Section:</b> AI Systems	<b>Reports to:</b>	AI Engineering Manager	
	<b>Date approved:</b>	Sept 24	

<p><b>Main Purpose of Role</b></p> <p>The generation and amendment of machine programs and product build standard documentation in line with customer requirements.</p>
<p><b>Outcomes of Role</b></p> <ul style="list-style-type: none"> <li>•100% NPI &amp; MRP program generation on time delivery for Auto Insert Department</li> <li>•Zero Defect due to program Generation errors</li> <li>•100% effective implementation of ECN / deviation requirements for program generation.</li> <li>•Customer satisfaction - internal and external</li> </ul>
<p><b>Reporting Structure</b></p> <p>Reporting to:</p> <pre> graph LR     A[AI Engineering Manager] --&gt; B[Senior Manufacturing Software Engineer]     B --&gt; C[Systems Manufacturing Software Programmer]     </pre>

## Job Scope

### Responsibilities

- To complete all NPI projects by agreed timescales
- To download all Syspro BOM
- To use Customer drawings, component datasheet, Cad and Gerber to set new project up in Factory Logix
- To panelise the above data and pass into Fuji
- To research all new parts and ensure correct shape is associated with all parts
- To optimise for maximum efficiency the Fuji program
- To create the LASER, ETCH, DEK & SPI base programs
- To create AOI CAD files for the base program at Inline and main inspection AOI
- To create and issue Label instructions
- To create Axial and Radial placement programs
- To carry out both First and Second checks on the above Programs
- To communicate clearly to Axiom any concerns and issues with any of the above data and ensure corrective actions are found and made in a timely manner.
- To issue all build paperwork in both Hard and soft copy prior to project start in production
- To maintain all control paperwork for each project
- To ensure all MRP orders are ready for production
- To action and check all completed ECN, and Build Deviation
- To issue all build paperwork in both Hard and soft copy prior to order start in production
- To maintain all control paperwork for each MRP order
- To complete all program modification paperwork
- Fuji program modification
- To ensure that all company operating values and compliance procedures are always adhered to, including quality management, health and safety, legal stipulation, environmental.
- Any other duties deemed necessary

### Authority Levels

- To be agreed with your Line Manager

## Person Specification

<u>ESSENTIAL</u>	<u>DESIRABLE</u>
<b>Skills</b> (include professional or educational qualifications required)	
<ul style="list-style-type: none"> <li>• Computer literate / Microsoft office</li> <li>• Good written &amp; verbal communication</li> <li>• Good organizational skills</li> </ul>	<ul style="list-style-type: none"> <li>• Computer science / IT qualification</li> <li>• SMT component knowledge</li> <li>• Machine programming</li> </ul>
<b>Knowledge</b>	
<ul style="list-style-type: none"> <li>• Electronic engineering / PCB manufacturing</li> <li>• CAD / Gerber</li> </ul>	<ul style="list-style-type: none"> <li>• PCB assembly</li> <li>• Manufacturing software</li> </ul>

## Competencies

<b>Leading and Deciding</b>
<ul style="list-style-type: none"> <li>• Takes initiative, acts with confidence and works under own direction.</li> <li>• Initiates and generates activity.</li> </ul>
<b>Supporting and Cooperating</b>
<ul style="list-style-type: none"> <li>• Demonstrates integrity.</li> <li>• Demonstrates an interest in &amp; understanding of others.</li> <li>• Listens, consults others and communicates proactively.</li> </ul>
<b>Interacting and Presenting</b>
<ul style="list-style-type: none"> <li>• Relates well to people at all levels.</li> <li>• Speaks clearly and fluently.</li> <li>• Projects credibility.</li> <li>• Establishes good relationships with customers and staff.</li> </ul>
<b>Analysing and Interpreting</b>
<ul style="list-style-type: none"> <li>• Writes in a well-structured and logical way.</li> <li>• Shares expertise and knowledge with others.</li> <li>• Demonstrates an understanding of different organisational departments and functions.</li> <li>• Probes for further information or greater understanding of a problem.</li> <li>• Produces workable solutions to a range of problems.</li> <li>• Demonstrates an understanding of how one issue may be part of a much larger system.</li> <li>• Develops job knowledge and expertise through continual professional development.</li> </ul>
<b>Creating and Conceptualising</b>

- Demonstrates a rapid understanding of newly presented information.
- Takes account of a wide range of issues across, and related to, the organisation.
- Works strategically to realise organisational goals.
- Gathers comprehensive information to support decision making.
- Creates innovative products or designs.

## Organising and Executing

- Plans activities and projects well in advance and takes account of possible changing circumstances.
- Manages time effectively.
- Focuses on customer needs and satisfaction.
- Works in a systematic, methodical and orderly way.
- Follows procedures and policies.
- Consistently achieves project goals.

## Adapting and Coping

- Adapts to changing circumstances
- Works productively in a high-pressure environment.
- Deals with ambiguity, making positive use of the opportunities it presents.

## Enterprising and Performing

- Controls costs and thinks in terms of profit, loss and added value.
- Accepts and tackles demanding goals with enthusiasm.

HR Manager Name: \_\_\_\_\_

HR Manager Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Job Holder Name: \_\_\_\_\_

Job Holder Signature: \_\_\_\_\_

Date: \_\_\_\_\_