

axiom

Job Role Definition for
Test Engineer

AXIOMVACANCIES@AXIOM-MS.COM

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Name:			
Job Title:	Test Engineer		
Department/Section: Test Engineering	Reports to:	Test Engineering Manager	
	Date approved:	November 2024	

Main Purpose of Role

To ensure manufacturing quality is maintained by providing effective first line support on all functioning diagnostic/test equipment. In addition to this

- Diagnose and repair assemblies/PWB at component level.
- Assess and ensure that all new product test requirements and specifications meets the necessary safety guidelines
- Ensure customer supplied test equipment meets the necessary safety guidelines
- Test Product where the Test Specification is deemed to be above an operator level

Outcomes of Role

- Satisfied internal and external customers.
- Timely completion of agreed actions.
- Recommend test strategies & provide related costing's to meet recommendations.
- Ensure conformance of the product in relation to specified requirements.
- Effective repair and provide feedback for product including Customer Returns.
- Achievement of departmental KPI targets as well as NPI targets.

Reporting Structure

Reporting to:



Job Scope

<p>Responsibilities</p> <ul style="list-style-type: none"> • New Model Introduction and jig/fixture design and build and including customer liaison. • Liaise with customers and suppliers regarding test equipment maintenance, reliability, spare parts, diagnostic data, and documentation. • Ensure correct test strategy and solutions as per customer’s specific requirements. • Deploy test solutions to production. • Liaise with Engineers regarding test equipment support, training, documentation and the introduction of new test equipment and projects. • Debug, diagnose and repair assemblies/PWBs to component level. • Monitor production quality through the test equipment and ensure that manufacturing quality data is fed back as soon as possible. • Load and change fixtures, hardware and software as required by production to test different products. • Debug and stabilise Teradyne, Flying Probe and Functional Test Equipment with an aim of reducing no fault found and increase test stability. • Ensure that all company operating values and compliance procedures are adhered to at all times, including quality management, health and safety, legal stipulation, environmental policies and general duty of care. • Any other duties deemed necessary
<p>Authority Levels</p> <ul style="list-style-type: none"> • To be agreed with your Line Manager

Person Specification

<u>ESSENTIAL</u>	<u>DESIRABLE</u>
Skills (include professional or educational qualifications required)	
<ul style="list-style-type: none"> • Good co-ordination and time management skills to achieve company deadlines and timescales. • Ability to supervise, train and support other employees • Ability to work on your own initiative with minimum supervision • Good verbal/written communication skills & be IT Literate. • Adaptable with a flexible approach to the role. 	

Knowledge	
<ul style="list-style-type: none"> • Experience within a Test/Repair/Design Environment. • Experienced in Fault Finding down to component level. • Experienced in working with instrumentation and their incorporation into test systems. • Need experience and knowledge of InCircuit Test systems (AOI , Flying Probe & Teradyne). • knowledge of Quality Management Systems (ISO,QS,TS). • Ability and knowledge to meet the IPC-610 standard. 	

Competencies

Leading and Deciding
<ul style="list-style-type: none"> • Takes initiative, acts with confidence and works under own direction. • Makes prompt, clear decisions which may involve tough choices or considered risks.
Supporting and Cooperating
<ul style="list-style-type: none"> • Demonstrates integrity. • Demonstrates an interest in & understanding of others.
Interacting and Presenting
<ul style="list-style-type: none"> • Establishes good relationships with customers and staff. • Relates well to people at all levels. • Speaks clearly and fluently. • Responds quickly to the needs of an audience and to their reactions and feedback. • Projects credibility.
Analysing and Interpreting
<ul style="list-style-type: none"> • Writes in a well-structured and logical way. • Applies specialist and detailed technical expertise. • Develops job knowledge and expertise through continual professional development. • Shares expertise and knowledge with others. • Uses technology to achieve work objectives. • Demonstrates an understanding of how one issue may be part of a much larger system. • Breaks information into component parts, patterns and relationships.

- Probes for further information or greater understanding of a problem.
- Produces workable solutions to a range of problems.

Creating and Conceptualising

- Encourages and organisational learning approach (i.e. Learns from successes and failures and seeks staff and customer feedback).
- Produces new ideas, approaches or insights.
- Seeks opportunities for organisational improvement.
- Takes account of a wide range of issues across, and related to, the organisation.

Organising and Executing

- Manages time effectively.
- Focuses on customer needs and satisfaction.
- Works in a systematic, methodical and orderly way.
- Keeps to schedules.
- Complies with legal obligations and safety requirements of the role.

Adapting and Coping

- Adapts to changing circumstances.
- Works productively in a high pressure environment.
- Adapts interpersonal style to suit different people or situations.

Enterprising and Performing

- Keeps up to date with competitor information and market trends.
- Identifies business opportunities for the organisation.

HR Manager Name: _____

HR Manager Signature: _____

Date: _____

Job Holder Name: _____
Job Holder Signature: _____
Date: _____