



JOB DESCRIPTION

Role: Test Development Engineer

Job Summary

The Test Development Engineer will design, develop and implement automatic test equipment and test programs for design verification and production testing. This will include the design of electronic circuits and writing test software to attain full test automation.

The person will maintain, support and develop all production test procedures and equipment on site and in other locations abroad.

Key Responsibilities

- Specify and design new production test equipment by understanding new products in Development.
- Work closely with the R&D, Production, Quality, Engineering, and Production Engineering teams.
- Create test design documentation including test instructions, specifications, drawings and verification plans.
- Liaise with sub-contractors to implement production testing and training of local support personnel.
- Provide technical support to manufacturing including hands-on debug of test systems.
- Contribute to project plans by providing time-scale estimates.
- Manage own time and assigned resources to meet time-scales and quality objectives.
- Provide cost estimates for test systems.
- Generate test software in LabVIEW.
- Contribute to the company's production engineering objectives with regard to new product introduction, process improvement and lean manufacturing.

Must Have

- Degree calibre level in electronics or related disciplines.
- Proven track record in a test development environment.
- Design and application experience of production test equipment.
- Experience of PCB design and assembly for test fixtures.
- Understanding of electromechanical production processes.
- Experience in developing tests for automatic execution.
- Experience in the complete test development life cycle of products
- Knowledge / experience of cellular manufacture, Lean Manufacturing, kaizen, and 5S would be an advantage.

Nice to Have

- LabView experience.
- Electronic engineering experience with an electromechanical bias.
- Jig and fixture design.
- 2D CAD would be an advantage.
- Experience of working with Sub-Contract manufacturers.



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testing technology from No Climb

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Knowledge/Skills:

- Self-motivated and able to work autonomously.
- Good interpersonal and communication skills.
- Efficient time manager.
- Task orientated.
- Able to work well across disciplines and departments.
- Understanding of modern manufacturing techniques.