



Test Engineering Manager

Job Purpose

The successful candidate will facilitate a key interface between the engineering and production teams. They will take responsibility for the development of factory acceptance, and first article, test procedures and processes and assist in the design, development and procurement of test equipment, rigs and fixtures.

Key Responsibilities

- Plan and coordinate production engineering processes on daily basis to produce high quality products.
- Develop process improvements to effectively utilise equipment and materials to maximise production efficiency and productivity.
- Develop operational strategies to achieve production and financial objectives.
- Identify unsafe operations and practices and report the same to Manager immediately.
- Provide engineering support for production activities to ensure maximum production efficiency and productivity.
- Perform engineering analysis to reduce test equipment and production assembly equipment downtime and outages.
- Evaluate current production activities and make recommendations for improvements.
- Implement cost reduction initiatives while maintaining high quality standards.
- Develop standard operating instructions, build sheets and equipment specifications for production activities.
- Provides training and guidance to team members to accomplish production goals.
- Stay current with product specifications, engineering technology and production processes.
- Develop best practices to improve production capacity, quality and reliability.
- Investigate problems, analyse root causes and derive resolutions.
- Aid in budget preparation and monitor expenses and profitability.

Experience

The person should have:-

- Experience of producing test procedures for electromechanical systems.
- An ability to interpret technical requirements and recommend an appropriate test strategy.
- A proven ability to design and fault-find electromechanical equipment.
- An ability to read complex technical drawings both wiring/PCB schematics and Mechanical Drawings.



- Familiarity with using essential fault finding and debugging equipment (multimeters, oscilloscopes)
- A bias towards electrical/electronics and software disciplines but with a sound understanding of mechanical principles.

Skills, Experience and Educational Requirements

Essential:

- HND with relevant production engineering content
- Minimum of 2 years' experience of writing test documentation and procedures to prove compliance with technical specifications
- Practical experience in a role involving fault finding of electromechanical equipment.
- Practical experience of developing microcontroller based solutions.
- High level of competency with Microsoft Office
- Experience in designing and developing electrical test equipment.
- A good working knowledge of the use of standard metrology equipment.

Desired:

- Degree in Mechatronics.
- Experience in the use of SolidWorks or other CAD packages.

Personal Attributes

- Highly motivated and able to work with minimal supervision.
- Highly focused with an excellent attention to detail.
- Apply a logical, systematic approach and good judgment in decision making processes.
- Mature attitude and the ability to liaise effectively and positively between other departments and external suppliers/Customers.
- Flexible, conscientious and diligent attitude.
- Positive, enthusiastic & hardworking.
- Excellent communication and Telephone Manner.

Location: Horsham