



Product Test Engineer - Aftermarket

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Position Summary

Job Description

Troubleshoot failed circuits to component level and disposition repair procedures. Designs, develops, and implements testing methods and equipment. Strong with analog and/or digital electronics and embedded systems. Capable of using more advanced troubleshoot tools like the logic analyzer, boundary scan, and on-chip debugging. Provides test area with parameters for sample testing and specifies tests to be performed. Compiles data and defines changes, required in testing equipment, testing procedures, manufacturing processes, or new testing requirements.

SAFETY

- Maintain compliance to all aspects of Safety
- Proactively maintain a safe working environment
- Comply with audits

QUALITY

- Play an active role in assisting the team to meet quality objectives
- Promote a culture of 100% quality
- Maintain consistently high quality QD documents
- Takes part in quality investigations, including RCCA and 7-Steps, as determined by the QCE

TEST PROCESS EFFICIENCY

- Provide direct feedback to build and design processes
- Define and troubleshoot tooling
- Eliminate bottlenecks
- Increase utilization of test equipment
- Reduce inventory and maximize turnaround time

PRODUCT COMPLIANCE

- Create, maintain and improve work instructions (e.g., test plans, OSOPs)
- Review and approve engineering changes

TEAM SUPPORT

- Collaborate with other Process Owners to meet test process efficiency and compliance goals collectively
- Take part in ongoing collaboration regarding best practices and strategies
- Identify and communicate training needs and skills gaps in the teams, carrying out training and coaching as necessary

Please note that pursuant to a government contract, this specific position requires US citizenship or Permanent Resident status.

Required Education, Experience, & Skills

- Typically a Bachelor's Degree and 2 years work experience or equivalent experience
- EE or EET Bachelor's Degree and some work experience or equivalent experience
- Enter FAA mandated Anti-Drug Pool. Subject to random drug testing.
- Exposure to Lean Manufacturing essential
- Intermediate-level technical skills and knowledge of technical requirements and system flows skills relevant to job / area of work
- Electronics troubleshooting (analog, digital)
- General understanding of electronics manufacturing process
- Ability to interpret technical specifications
- Strong communication and interpersonal skills

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