



Position: Test Technician

Department: Test

Location: Santa Ana, CA

FLSA Status: Non-Exempt, Full-Time

Job Summary:

The Test Technician performs testing, troubleshooting, and verification of electronic and mechanical systems, with a primary focus on the Master Clock Computer (MMC) product line. This role ensures that all products meet internal quality standards and customer specifications by conducting functional tests, analyzing data, and resolving issues in collaboration with Engineering and Production teams.

Key Responsibilities:

- Perform acceptance testing and troubleshooting of the MMC product line and other systems in accordance with approved procedures
- Conduct testing at various stages including board-level, subsystem, and full system levels (Digital, Analog, and RF)
- Work from schematics, wiring diagrams, layouts, written instructions, and defined engineering plans to execute test operations
- Perform routine operational checks and fault isolation to verify system functionality and compliance with specifications
- Identify malfunctions and isolate failures down to the component level
- Document test data and maintain accurate records of results and defects
- Operate PCs and test software in a Windows-based environment
- Communicate test findings and technical issues clearly with Engineering and Production teams
- Participate in troubleshooting activities, root cause analysis, and process improvement efforts
- Support companywide tasks or projects as assigned

Key Qualifications:

- High school diploma or GED equivalent required
- Technical certification in electronics or related field preferred (e.g., IPC, MIL-STD, or vocational training in electronic systems)
- 3–5 years of hands-on experience testing and troubleshooting electronic or electro-mechanical systems in a manufacturing or aerospace/defense environment
- Proven ability to use test equipment such as oscilloscopes, multimeters, signal generators, and spectrum analyzers (validated through previous job responsibilities or practical demonstration)
- Demonstrated experience reading and interpreting schematics, wiring diagrams, and technical instructions, verified through work history or assessment



- Documented history of performing acceptance or functional tests and recording results with a high degree of accuracy
- Ability to isolate component-level failures and implement corrective actions
- Proficiency with PC-based testing tools and software (Windows OS environment)
- Strong communication skills for documenting test outcomes and collaborating with technical teams (assessed during interview or through written documentation)
- Ability to work both independently and collaboratively in a fast-paced production environment
- Familiarity with ESD handling procedures and test area safety protocols (preferred)

Physical Requirements:

- Ability to stand for long periods and occasionally lift up to 30 lbs
- Manual dexterity and visual acuity to inspect small components and operate test instruments
- Ability to sit or bend during testing and troubleshooting procedures as needed

Additional Information:

The Key Responsibilities are an outline of the general nature and level of work performed by individuals assigned to this position. It is not intended to be an exhaustive list of all duties, responsibilities, and qualifications. The company may amend or modify duties based on business needs in accordance with applicable California labor laws. Reasonable accommodations may be made for qualified individuals with disabilities.

Equal Opportunity Employer Statement:

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