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Human Resources

Sr. Test Technician

Job Description

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www.tsssolutions.com



Employee Job Description

Name Here

Job Title: Sr. Test Technician

Work Summary:

Troubleshoot using standard and or custom testing processes per ATP (acceptance test procedure) and recording results

Description of Work Performed:

- Repairs and testing Radar electronic and mechanical components, parts, and equipment
- Repair and test systems, such as digital and analog circuits, power circuits, applying principles and theories of electronics, electrical circuitry, engineering mathematics, electronic, mechanical and electrical testing.
- Ability to use the following test equipment: Oscilloscope, Power Supplies, Spectrum Analyzers, Signal Generators
- Knowledge in RF Circuits
- Recommend changes in ATPs and specifications to simplify testing.
- Create ATPs as needed
- Ability to operate soldering irons, bench drills, or other tools to repair parts, such as coils, terminal boards, and chassis.
- Ability to check functioning of newly installed equipment to evaluate system performance under actual operating conditions

Instruction, Methods & Procedures, and Standards Utilized:

- TSS Operational Policies and Procedures
- Industry Best Practices as developed by or accepted by TSS Solutions
- IPC-610 Acceptability of Electronic Assemblies
- IPC-620 Requirements and Acceptance for Cable and Wire Harness Assemblies



- J-STD-001 Requirements for Soldered Electrical and Electronic Assemblies
 - ISO 9001:2015
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Qualification Requirements

- An Associate degree in Electronics Technology or Electronics Technician Certificate(s) from accredited school or equivalent work or military experience
 - Minimum 5 years' experience
 - Knowledge of AC/DC circuits and digital electronics
 - Voltage, resistance, Ohm's Law, magnetism, capacitance and inductance
 - Series circuits and parallel circuits
 - Transformers, transistors, and amplifiers
 - Fundamental of applied electronics
 - Performs a variety of tasks
 - Relies on experience and judgment to plan and accomplish goals
 - Quality
 - Document Control
 - Lessons Learned, Feedback Processes
 - Follow Quality Processes, Methods and Procedures
 - General
 - Written Communications
 - Verbal Communications
 - Mechanical Skills
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Desired Requirements:

- An Associate degree in Electronics Technology or Electronics Technician Certificate(s) from accredited school
- Minimum 5 years' experience
- Knowledge of Radar systems and components
- Electronics troubleshooting and repair
- Ability to read and create acceptance test procedures



- IPC-610 Acceptability of Electronic Assemblies
- Requires knowledge of industry specific tests and testing equipment
- A certain degree of creativity and latitude is required

Direction received from other resources:

- Works under direct supervision
- Typically reports to a supervisor



Document History

Note: See SharePoint document history if this page is blank.

Revision History

Revision Date:	Revision Number:	Description of Revision:	Author:
10/30/2009	00	Original Document	Debbie Reece
02/28/2019	01	Review and Revision	Matt McCord

Approvals

This document requires following approvals:

Name:	Title:	Date:

Distribution

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