



RF (Radio Frequency) Technician | UAN –

10EF0A

Department: Engineering / RF Test & Production

Location: Office / MVG, Inc (Warminster, PA)

Type: Full-time

About the Role

MVG is seeking an RF Technician to assemble, integrate, test, and troubleshoot RF assemblies and subsystems in a hands-on lab and production environment. This role directly supports product validation and design improvement by ensuring RF components and systems meet design specifications, industry standards, and government contract requirements. It is ideal for a certified electronics/electrical technician with strong RF test equipment experience, precise soldering skills, and a methodical approach to troubleshooting.

About MVG

MVG – Microwave Vision Group – is the global leader in electromagnetic field measurement solutions. With 400+ employees, offices across 4 continents, and over 25 years of consecutive growth, we help the world's most innovative companies test, validate, and push the boundaries of wireless technology. Our mission: Testing Connectivity for a Wireless World.

Join us to shape the future.

Responsibilities

- Ensure comprehensive functional and performance testing of RF assemblies against design specifications and industry standards.
 - Implement assembly, integration, and verification activities for RF subsystems, including connectors, cables, filters, amplifiers, and related RF components.
 - Manage precise soldering work on RF and electronic components, including surface-mount and through-hole devices, for assembly and repair.
 - Oversee setup, calibration, operation, and maintenance of RF test equipment used in component- and system-level validation.
 - Collaborate with engineering teams to troubleshoot issues identified during testing and integration phases.
 - Define clear technical documentation, including test procedures, results, observations, and recommendations supporting design improvements and product validation.
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Requirements

- Must be a U.S. Citizen due to government contract requirements.
 - Certified Practical Engineer or Technician in Electronics/Electrical Engineering is mandatory.
 - Hands-on experience with RF laboratory equipment, including RF signal generators, spectrum analyzers, and Vector Network Analyzers (VNAs) such as PNA or equivalent.
 - Proven ability to perform high-precision soldering on RF and electronic components following IPC or equivalent standards.
 - Experience calibrating and operating RF test setups for component- and system-level validation.
 - Ability to work independently to analyze complex test results, identify root causes of failures, and recommend corrective actions.
 - Proficiency in preparing clear, structured technical reports and documentation, with excellent problem-solving and methodical RF troubleshooting skills.
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Nice to Have

- Experience or interest in writing automation scripts for RF testing using Python, LabVIEW, or other scripting tools.
- Familiarity with automated test systems and data acquisition tools.
- Certification in soldering techniques, such as IPC-A-610 or IPC J-STD-001.

How to Apply

Send your CV and a short cover note to careers@mvg-world.com with the subject line: 10EF0A - RF (Radio Frequency) Technician. We review applications on a rolling basis and aim to respond within two weeks. We look forward to hearing from you!

MVG - Testing Connectivity for a Wireless World

Special note: This role may require eligibility for access to classified or sensitive information under applicable national security laws. Possession of an active clearance is not required, and the company may conduct necessary background checks or request supporting documentation in compliance with applicable laws and regulations.