

Terma Inc (TUS), the US subsidiary of Denmark based Terma A/S, is searching for a highly qualified **Production Test Engineer** to join our team of exceptionally dedicated professionals in an exciting and rewarding fast paced highly successful company. Leveraging the outstanding Terma reputation and our strong relationship with the US DoD, Homeland Security and large Prime Contractors for more than three decades, Terma has developed a significant presence in the U.S. as provider of mission critical solutions for aerospace, defense and security sectors. We are known as an independent, agile, and fast responding partner for mission customized solutions. For further information, please visit www.terma.com.

Location: Warner Robins, Georgia

The Challenge:

The Production Test Engineer will work to design/develop test equipment, testing setups, interface test adapters, cabling, automated software test programs and all associated documentation in support of TUS Production and Qualification test activities for a variety of avionics subassemblies and assemblies.

The Production Test Engineer is responsible for coordination with the Hardware, Software, and Systems Engineering teams to ensure production test activities verify compliance to requirements.

Job Requirements:

- Ensure hardware test requirements are met and processes are followed
- Research and build test stations including hardware setup and software development specific to customer requirements
- Support production with failure analysis, tester debugging, reduction of false failures and downtime of test equipment
- Develop documentation of procedures to be used from the initial test design phase to production
- Design and develop test automation software and hardware for avionics equipment production test stations
- Direct and coordinate engineering activities concerned with development, procurement, installation, and calibration of instruments, equipment, and control devices required to test, record, and report test data
- Generate / update test procedures and interact with Design Engineering on technical issues relating to the test process
- Coordinate and execute product qualification testing plans for future new products
- Initiating and/or coordinating Engineering Change Requests and Change Notices to improve product quality
- Report metrics used to support Production and Qualification testing
- Report status to management
- All other responsibilities as assigned

Qualifications:

Minimum Education and Experience:

- Bachelor's degree in Electronics, Electronic Engineering or Electronic Engineering Technologies or related field and 5 years related work experience OR equivalent experience

Required Skills and Experience:

- US Citizenship with ability to obtain and maintain a Department of Defense (DOD) Security Clearance
- Experience with EW systems and performance
- Experience with ITA and ATE design
- Experience with NI test automation suite (TestStand, LabView, LabWindows/CVI)

- Experience with or knowledge of the Python programming language
- Experience with EMI testing to MIL-STD-461
- Experience with defense systems LRU dynamic qualification (Shake and Bake)
- Excellent electronics diagnostic skills
- Working knowledge with analytical test equipment (signal generator, network analyzer, spectrum analyzer, multimeter, and oscilloscope)
- Familiarity with Microsoft Office applications
- Excellent oral and written communication skills
- Ability to work in a cross-functional team environment

Preferred Skills and Experience:

- Master's degree in Electronics, Electronic Engineering or Electronic Engineering Technologies or related field
- Experience developing military avionics
- Experience with on-aircraft Electronic Warfare and Self-Protection Systems
- Knowledge of avionics interfaces

To Apply: Send resume to Terma Inc. – employment@terma-us.com

Terma Inc. is an Equal Opportunity/ Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin, and requires affirmative action to ensure equality of opportunity in all aspects of employment. Executive Order 11246, as amended, protects applicants and employees from discrimination based on inquiring about, disclosing, or discussing their compensation or the compensation of applicants or employees.