

**Terma North America (TNA)**, the US subsidiary of Denmark based Terma A/S, is searching for a **Mechanical Engineer** to join our team of dedicated professionals in an exciting and rewarding fast paced company. Leveraging the Terma reputation and our strong relationship with the US DoD, Homeland Security and large Aero/Space Prime Contractors for more than three decades, Terma has developed a significant presence in the U.S. as a 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](http://www.terma.com).

**Location:** Atlanta, GA

### **The Challenge:**

The Mechanical Design Engineer will be responsible for the creation of mechanical engineering models, drawings, and designs specific to defense related applications. This requires working under the direction of the project engineer and interfacing with other engineering staff and Program/Product Management.

### **Job Requirements:**

- Ability to develop 3D models, detail drawings, bill of materials and other related documentation
- Ability to coordinate with manufacturing on methods and implementation of engineering change notices (ECNs)
- Ability to perform thermal, structural and fatigue analysis on a line replaceable unit (LRU)
- Knowledge of heat transfer, modal and Finite Element Analysis
- Define, perform and document environmental qualification test, including vibration, shock, thermal and support EMI.
- Perform tolerance stack up analysis
- Research / review customer specifications to ensure compliance
- Collaborate with other team members to maintain a cohesive system design
- Ability to develop PCB outline drawings and support component selection, placement, and sizing to insure thermal, vibration, and EMI concerns are managed.

### **Qualifications:**

#### **Minimum Education and Experience:**

- Bachelor degree in Mechanical Engineering

#### **Required Skills and Experience:**

- US Citizenship with the ability to obtain a Department of Defense (DOD) Security Clearance.
- Strong oral and written communication skills
- Familiarity with MS Office applications
- Ability to work in multi-disciplinary team environment
- Ability to communicate effectively with customers and team members in remote locations
- Experience with Solid Works, CATIA and ASME Y14
- Willingness to travel CONUS and OCUNUS

#### **Preferred Skills and Experience:**

- Master degree in a related field (Mechanical Engineering, Electrical Engineering, Computer Science, Systems Engineering or other applicable Engineering degree)
- Work experience in a similar position

**To Apply:** Send resume to Terma North America, Inc. – [employment@termana.com](mailto:employment@termana.com)

*Terma North America, 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.*