

**POSITION DESCRIPTION
FOR
PRODUCT DESIGN ENGINEER**

BRANCH: Engineering Design

SUPERVISOR: Director of Engineering Design

DESCRIPTION: The Product Design Engineer provides support in product design through the manufacturing process.

ESSENTIAL FUNCTIONS:

1. Conduct engineering analysis, develop conceptual product designs, and prepare engineering drawings and specifications through the manufacturing process.
2. Execute the development of tests and procedures to assure certification to government, industry, and military product specifications.
3. Develop designs using Computer-Aided Drafting (CAD) programs such as AutoCAD[®] and TurboCAD[®].
4. Present product technical presentations to potential customers and represent the company at military, industry and trade meetings.
5. Administer product marketing support.
6. Comply with the provisions of the corporation's Standard Practice Procedures manual and DoD 5220.22-M when handling classified information to include generating, marking, storing, handling, and destroying classified material.
7. Comply with policies and procedures as set forth in the corporation's Handbook of Policy and Procedure.
8. Work, cooperate, and communicate, as directed, with other supervisors, team leaders, and coworkers satisfactorily. This includes the professional, mature acceptance of constructive criticism.
9. Travel and work at other TSM and Government sites, as required.
10. Perform other duties as assigned.

**POSITION DESCRIPTION
FOR
PRODUCT DESIGN ENGINEER
(Continued)**

QUALIFICATIONS FOR POSITION:

1. Must have at least 5 years experience in the development and design of proprietary, high-quality, electronic and electro-mechanical products.
2. Must have a Bachelor degree in Electrical or Mechanical Engineering.
3. Must have or be able to obtain a Secret security clearance.
4. Must be willing to travel as directed.