



Position: Director of Aerospace Engineering
12/7/17

Description: The **Director of Aerospace Engineering** is the Aerospace Division's Chief Engineer, reporting directly to the President and CEO for all matters related to engineering design and development of aerospace products and engineering support to manufacturing. Implements architectural analysis and detailed electro-mechanical design and development work for value added engineering projects. Supports customer requirements through Technical Interchange Meetings (TIMs) to determine design solutions, conduct trade study analyses and provide platform development Subject Matter Expertise (SME). Works closely with business development to determine approaches for all electro-mechanical and aerospace designs.

Responsibilities:

- Manages a team of design and component / manufacturing engineers that support aerospace product development and manufacturing
- Interacts with other Functional leads (Operations, Finance, Business Development, Quality) to determine innovative approaches for product design and cost efficient engineering support to manufacturing
- Electrical and Hardware design and development in support of design reviews and TIMs
- Frequent input to Business Development team for determination of Design To Cost (DTC) and Design For Manufacturing (DFM).
- Development of MIL-STD-810, MIL-STD-461, MIL-STE-704 (and other appropriate standards) test plans, procedures and reports
- Engineering support to Electro-magnetic, Environmental, Effects (E3) qualification testing (pre-qualification screening and third party laboratory validation)
- Electro-mechanical trouble shooting and root cause analysis when product failures occur
- Positively influence others to meet company goals.

Performance Expectations and Goals:

The Director of Engineering is expected to be a driving force in customer satisfaction by providing value added electro-mechanical design and development and architectural level system engineering support to customer requirements.

Position Requirements:

- Bachelor of Science - Engineering.



- 10 years of experience design and development of aerospace grade electro-mechanical systems
- Knowledgeable in defense and aerospace design and qualification standards
- Ability to obtain a SECRET US Government security clearance