

Systems Engineer

Duties:

- Lead the design and evaluation of rapid prototyping/manufacturing systems which includes mechanical, electrical, motion control, software and process development..
- Define functional specifications for new features or products and develop control hardware and software requirements.
- Provide system level support to production and field service.
- Generate concepts and designs, and implement through procurement, fabrication, installation, and commissioning.
- Research, design, evaluate, install, operate, and maintain mechanical products, equipment, systems and processes to meet requirements, applying knowledge of engineering principles.
- Conduct research that tests and analyzes the feasibility, design, operation and performance of equipment, components and systems.
- Develop and test models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications and necessity of modification.
- Investigate equipment failures and difficulties to diagnose faulty operation, and make recommendations.
- Recommend design modifications to eliminate machine or system malfunctions.

Qualifications

- Minimum BSME or EE (or relevant) with 8+ years applicable experience.
- Knowledge of modern control systems
- Good familiarity with control hardware and electrical distribution.
- Ability to apply analytical methods to solve design problems