



## Project Engineer

### **Job Description: Engineering / Design**

- Implementing best engineering practices (following standards for Engineering, MFG, Purchasing, Shipping, Sales).
- Responsibility for results on quality measurements, including on-time delivery, meeting deadlines, adherence to policy and procedures, and integrity of systems.
- Keeping management informed on a timely basis of business issues, projects progress, status and/or concern for assignments.
- Helping customers to develop specifications.
- Setting and maintaining high team standards from Quote, Design, Manufacturing Handoff; includes Documentation & Regular updates as required.
- Quotation and design of electro-hydraulic systems and integrated manifolds.

#### ***Responsible for***

- A. Selection and sizing of components.
- B. Generating the hydraulic and electrical schematics.
- C. Creation of bills of materials according to WIT Standards & EDF.
- D. Mechanical and structural design.
- E. Routing and design of high pressure hydraulic piping.
- F. integrated manifold design
- G. Interfacing of electronics to hydraulic components (proportional, servo valves & feedback devise)
- H. Electrical panel layout
- I. Start up; test and trouble shoot electro hydraulic systems

### **Teamwork**

- Providing guidance & support during purchasing/manufacturing/shipping.
- Supervising equipment start up and troubleshooting.
- Working with Sales team in the investigation and resolution of customer issues.
- Facilitating teamwork by encouraging communication, and resolving conflict.
- Participating in design reviews, technical discussions, process changes, standards, and team decision-making processes.

### **Qualifications/Skills Required**

- Bachelor's Degree in Mechanical Engineering or Hydraulic technical degree
- Would prefer someone with 10-30 years hands on experience
- Must have minimum of 5+ years combined experience in the following:
  - 4-years in hydraulic system and manifold design experience.
  - 1+ years machining shop and manufacturing experience.
- Bachelor's degree or Technical degree in electrical/electronics
- Requirements analysis, design skills, presenting technical information, conceptual skills, quality focus, general consulting skills, control engineering, production planning, technical zeal, job knowledge.
- Proficient in 2D and 3D CAD tools and application.
- Design to manufacturing experience

We will reward your hard work and achievements with a competitive base salary depending on experience. We offer a comprehensive benefit package (medical, dental, disability, and life), and 401(k) plan with company matching.