



## **Job Description: Hydraulic / Pneumatic Control System Design Engineer**

**Position:** Hydraulic / Pneumatic Control System Design Engineer

**Reports To:** Electrical & Instrumentation Manager

**Responsibilities:** Design of Hydraulic and Pneumatic Control Systems for Oilfield Mechanical Handling Equipment.

### **Duties:**

- Responsible for design, specification and services related to control systems including hydraulic / pneumatic control systems, safety systems, control panels, and field instrumentation etc. related to oilfield mechanical equipment.
- Develop preliminary sketches and detailed schematics using AutoCAD Electrical Software to ANSI Y 14.5 GD&T standards.
- Knowledge of API, ABS, DNV, hazardous area regulations and other industry standards relative to engineering design and control systems.
- Specify component parts and create bill of materials for all bought out components.
- Assist with project scope development, resource management, cost control, and scheduling of assigned projects.
- Provide project status updates to management and other stake holders and evaluate and participate in the selection of qualified vendors.
- Collaborate extensively with various other groups outside of engineering (e.g., quality, marketing, construction, field service, clients etc.).
- Travel to client locations to provide detailed site support including detailed engineering design and start up / commissioning assistance.

### **Requirements**

- Bachelor Degree plus a minimum of 5 years of relevant experience **or** Diploma qualified with the equivalent representative experience as degree substitution.
- Mechanical handling equipment experience, a significant plus



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**Drilling Rig Equipment**