Job Statement

This position designs hydraulic and pneumatic systems for use on paper machinery. Fluid designs are integrated with PLC control, and actuate mechanical components as a unified system.

JOB DUTIES AND RESPONSIBILITIES

- Creation of hydraulic and pneumatic circuit drawings.
- Creation of piping diagrams
- Creation of Bills of Materials
- Creation of valve panel assembly drawings
- Simple to complex layout/design of equipment
- Component selection
- System sizing (hydraulic power units, valves, pipes)
- Engineering calculations for flow and pressure
- Create installation task lists
- Participation in installation and start-up as required
- Participate in customer contact as required
- Other engineering related activities as needed
- Provide input to / participate in process improvement programs
- Provide technical support to other departments

Qualifications and experience

- Fluid Circuit Design
- AutoCad
- Heavy industrial equipment experience
- Microsoft Office products