



JOB DESCRIPTION

Date:
Job Title: Electrical Systems Designer
Reports to: Design Engineering Manager
Family: Engineering
FSLA Status: Full Time, Non-Exempt

Job Objective

The Electrical Systems Designer is responsible for electrical design of a JLS system. Normally, the initial conceptual design is done at the Electrical Systems Engineering level, and from there the Designer is responsible for implementing that design. This includes significant CAD work to develop electrical schematics, panel layouts, and bill of material creation. Design skill requirements include servo drives, power distribution, and controls for robotic systems.

Job Duties and Responsibilities

- Detail design of panel layout, wiring diagrams;
- Responsible for meeting project deadlines;
- Work with purchasing department and vendors to acquire material necessary to complete projects;
- Provide startup supervision or assistance at JLS and customer site;
- Creation of drawing and documentation packages;
- Collaborate with others as a valuable member of a team;
- Use standards to develop machine documentation;
- Other duties as assigned;

Knowledge, Skills and Abilities

- Minimum of Associate Degree in an electrical field or other technical field is preferred;
- 2+ years of technical and/or professional experience in an engineer to order environment is required for this position;
- Ability to work proficiently on computers is required with a strong working knowledge of AutoCAD; Knowledge of ePlan P8 and ProPanel Electrical CAD a plus;
- Ability to perform multiple tasks with a diversity of problems;
- Basic use of an oscilloscope, soldering, and various test instruments are desired;