



JOB DESCRIPTION

JOB TITLE: Controls Engineer

FLSA STATUS: Exempt

SUMMARY: Phoenix Technologies is a custom equipment Machine builder and systems integrator. At PT we provide turn-key solutions that range and vary in size and complexity pending on the customers' needs.

We strive and pride ourselves in supporting the latest technology for Assembly, Testing Equipment, and Material Handling. We are looking for a self-motivated Professional to join our growing environment.

This Role would Provide and Support Electrical design, Systems Programming, Testing, and Installation of electronically controlled equipment or machinery for use in manufacturing.

DUTIES AND RESPONSIBILITIES:

- Use of computer-assisted engineering and design software and equipment to perform assignments.
- Create Custom PLC programs utilizing various Brand Platforms. (Allen-Bradley, Keyence, Etc.)
- Support Startup and runoff activities of New Equipment. Conduct Full functionality testing for customer approvals.
- Provide technical support in areas of electrical process trouble shooting to find the root cause and implementing corrective actions (example: yield improvement) and provide electrical programming support for CI and cost reduction projects throughout the projects.
- Applications Support.
- Support New and prototype activities regarding systems Applications.
- Support Changes to new or existing equipment regarding Controls related components.
- Assist in project documentation.
- Includes: Internal and Customer Training Documentation.
- Punctual Customer communication on projects.
- Work with Engineering Group to transition new equipment into Production.
- Project timeline support.
- Work with customers and departments to maintain critical timelines.
- This could/would include off 1st shift support to ensure project completion.
- Programming Support on Projects.
- This would entail, but not limited to:
 - Robot Systems Programming.
 - Vision Systems Programming.
 - SQL Server Database Programming.
 - PLC/HMI Systems Programming.
 - Electrical Systems Design and Support.
- Would include, but not limited to:
 - Electrical Cabinets.
 - Electrical Circuit Design and Support.
 - Field Wiring Support and Debug.
- Performs other related duties as assigned by management.



SUPERVISORY RESPONSIBILITIES:

- This job has no direct supervisory responsibilities. Supervisory actions would be limited to project-based applications, whether at PT or on the job site.

QUALIFICATIONS:

- Experience and Proficiency with PLCs, HMIs, Motion Control, and other Industrial Control Systems.
- Experience and Proficiency with Industrial Robots and Cobots.
- Familiar with AutoCAD or similar software.
- Understanding of Industrial and Safety Circuits.
- Excellent Communication Skills to work with others.
- Advanced Computer Proficiency.
- Strong Problem-solving skills.
- Strong Critical thinking skills.
- Analytical and troubleshooting skills.
- Understanding of Electrical schematics.
- Understanding and knowledge to develop automation solutions.
- 2+ yrs of onsite experience within the Industrial Automation and Equipment field regarding Industrial Controls and Programming.
- 2+ yrs of PLC and Robot Programming experience.
- Computer skills required: Microsoft Office Suite

COMPETENCIES:

- **Adaptability** - Adapts to changes in the work environment; Manages competing demands; Changes approach or method to best fit the situation; Able to deal with frequent change, delays, or unexpected events.
- **Analytical** - Synthesizes complex or diverse information; Collects and researches data; Uses intuition and experience to complement data; Designs workflows and procedures.
- **Dependability** - Follows instructions, responds to management direction; Takes responsibility for own actions; Keeps commitments; Commits to long hours of work when necessary to reach goals; Completes tasks on time or notifies appropriate person with an alternate plan.
- **Communication** - Writes and speaks clearly and informatively; Edits work for spelling and grammar; Able to read and interpret written information; Listens and gets clarification; Responds well to questions.
- **Problem Solving** - Identifies and resolves problems in a timely manner; Gathers and analyzes information skillfully; Develops alternative solutions; Works well in group problem solving situations; Uses reason even when dealing with emotional topics.
- **Safety and Security** - Observes safety and security procedures; Determines appropriate action beyond guidelines; Reports potentially unsafe conditions; Uses equipment and materials properly.
- **Technical Skills** - Assesses own strengths and weaknesses; Pursues training and development opportunities; Strives to continuously build knowledge and skills; Shares expertise with others.



PHOENIX
GROUP

PHYSICAL DEMANDS AND WORK ENVIRONMENT:

Continually required to stand, walk, and bend for extended periods of time.

Continually required to reach with arms and hands, and stoop.

Continually required to utilize hand and finger dexterity.

Continually work near moving mechanical parts.

Usually work indoors. These sites may not be temperature controlled.

The employee must occasionally lift and /or move more than 50 pounds

Specialized equipment, machines, or vehicles used

The Company provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.

The above job description is intended to describe the general content of and requirements for the performance of this job. It is not to be construed as an exhaustive statement of duties, responsibilities or physical requirements. Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time with or without notice. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.