

Job ID: 269RK
Job Title: Controls Specialist
Degree Requirements: Associates Degree Engineering Technology
Years of Experience: 3+ years' designing automated machinery electrical controls
Type of Position: Direct Hire
Location: Near Richmond, VA
Salary Range: Depends on your expertise and experience
Travel Required: < 20%

Our Richmond, VA area client has an **IMMEDIATE NEED** for **Controls Specialist** to provide support for Controls Engineers and Electrical Assembly. You will be focusing on electrical drafting, design support and related project documentation generation for new equipment and legacy equipment manufactured or supported by the client. Some travel to the sites of our client's customers may be required. Some relocation assistance may be available.

MUST HAVE REQUIREMENTS for this position are:

- * Associates Degree in Engineering Technology or similar field (A combination of higher level education and a minimum of 3 years of relevant experience will be considered in lieu of an Associates Degree)
- * 3+ years Controls / Electrical Engineering experience designing automated machinery
- * Able to draw efficiently in AutoCAD (AutoCAD Electrical preferred)
- * Ability to understand and design electrical control schematic diagrams
- * Excellent organizational, oral and written communication skills
- * Competency with PLC hardware (Rockwell preferred)
- * Knowledge of industrial communications (EtherNet / IP, DeviceNET, Profibus, etc.)
- * Competency with Operator Interface hardware (Rockwell preferred)

You will bring with you:

- * Working knowledge of industrial electricity and control systems
 - o 600 VAC and less, 3Ø control systems
 - o Motors, servos, low voltage DC devices and sensors
- * Ability to recommend / apply electrical components to a control system to make the machine run as designed
- * Knowledge of electrical codes, standards, and regulations such as NEC, CE, NFPA 70, NFPA 79 and UL 508a
- * Knowledge of Microsoft Excel, Word, and Access

Reporting to the Controls Specialist Lead, the **RESPONSIBILITIES** of this position include but are not limited to:

- * Provide support for Controls Engineers & Electrical Assembly (electrical drafting, design support & related project documentation generation for new & legacy equipment manufactured or supported by the client
- * Electrical drawing generation using AutoCAD electrical
- * Work with Controls Engineer & purchasing on delivery issues coming up with substitutes when needed
- * Participate in new equipment design discussions advising on component sizing and location
- * Add new parts into the CADD system through the direction of Controls Specialist Lead
- * Work with Controls Engineers on system designs meeting Codes & Standards
- * Develop custom enclosure drawings
- * Create and review Bills Of Materials as directed by Controls Engineer

If you meet these requirements and wish to be considered for this position, send your résumé to us in a Word document at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email.

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

KEY WORDS: Engineering Technology, AutoCAD, CADD AutoCAD Electrical, Electrical Drafting, Design Support, Project Documentation Generation, PLC, Rockwell, EtherNet, IP, DeviceNet, Profibus, Operator Interface Hardware, 600 VAC, 3Ø Control Systems, Motors, Servos, Low Voltage DC devices, Low Voltage DC Sensors, Electrical Codes, Electrical Standards, Electrical Regulations, NEC, CE, NFPA 70, NFPA 79, UL 508a