Controls Engineer - Electrical Panel Design

High Point, NC · Full-time · **$90k–120k**

Controls Engineer – Electrical Panel Design
Location: High Point, NC
Salary: $90,000 - $120,000 + Annual Profit-Sharing Bonus + Benefits
Benefits: Medical, Dental, Vision, Disability, Life Insurance, 401K w/ Match, PTO
Job Type: Full-Time
Typical Hours: M-F, 8am-5pm Flexible
Start Date: ASAP
Sponsorship: Not available
Relocation Assistance: Available from neighboring states
Travel: 10%-25% (mostly within driving distance)

Controls Engineer – Electrical Panel Design Description

Our client in the industrial automation industry is looking for a Controls Design Engineer to add to their team in High Point, NC. In this role, you will design electrical control panels and develop PLC solutions for a diverse customer base. The ideal candidate will have proven experience **designing electrical control panels** with hands-on technical knowledge related to assembly, wiring, testing, and troubleshooting. To be successful you must have the ability to work effectively across cross-functional teams. This is an excellent opportunity to join a people-focused organization that prioritizes internal growth and continuous team development.

Controls Engineer – Electrical Panel Design Responsibilities

- Design electrical control panels, schematics, layouts, and bills of materials (BOMs)
- Review and analyze customer requirements and participate in project design reviews
- Support projects from design through installation and commissioning
- Develop, program, and troubleshoot PLC-based control systems
- Collaborate with shop technicians on equipment assembly, wiring, testing, and troubleshooting
- Troubleshoot electrical controls, sensors, and related components
- Support customer-site equipment installation, startup, commissioning, and training
- Collaborate with customers, sales, manufacturing, and field service teams
- Provide post-sale support for troubleshooting custom equipment and products
- Maintain engineering documentation, project timelines, and post-project reporting
- Evaluate new automation technologies and equipment design improvements

Controls Engineer – Electrical Panel Design Qualifications

- 3+ years of controls engineering, system integration, or industrial automation required
- Experience designing electrical control panels is required
- Experience using CAD software for electrical design or schematics is required
- Ability to work on-site in High Point, NC and travel 10%-25% is required

Apply: https://twonice.hire.trakstar.com/jobs/fk0zldo/?apply=true

Your search team



Patrick Cahill
President



RJ Ogsos
Sourcer



Michele Luther
Senior Recruiter



Kristina Leege
Client Manager