



**Engineering Technician
Relay & Power Systems
Conshohocken, PA**

Company Overview:

Relay & Power Systems (RPS) has an experienced core of engineers, designers, panel builders and technicians. RPS specializes in manufacturing auxiliary relays; custom relay, instrument and control panels; and provides technical services and turnkey solutions to utility and industrial customers. RPS is a subsidiary of Rumsey Electric Company – a dynamic, employee-owned electrical distribution company serving Eastern PA, NJ, DE and MD. In existence for over 100 years, Rumsey provides a competitive salary and benefits package, along with diverse opportunities for long term career development. The Rumsey team consists of over 250 employee owners that thrive in a fast-paced customer service environment. Rumsey just may be the company you've been looking for!

Benefits:

- Flexible work hours
- Stock ownership
- 401(k) with employer matching
- Medical/Dental/Vision/Prescription
- Life and Disability Insurance
- Flexible Spending Accounts

Position Overview:

We have an opening for an Engineering Technician reporting to the Engineering Manager based out of our Conshohocken location. This individual will be responsible for the installation, testing, troubleshooting and repairing of protective relaying equipment, instruments and electrical devices mounted on panels. These panels and equipment will be in a factory, production or pre-commissioned status and may be existing equipment previously installed or in-service in electrical facilities and substations. Work may be independent or in a multi-person team.

Essential Functions:

The essential functions are the tasks, duties and responsibilities that are critical to the job; the employee must be able to perform the essential functions with or without reasonable accommodation.

- Create checklists and test procedures using design-basis drawings (e.g. schematics, Wiring diagrams, etc.) and customer specifications.

- Program, test the design, settings and functionality of protective relays, IED's, instruments and electrical devices assembled and wired on relay and control panels.
- Perform diagnostic tests using various test equipment including: Voltmeters, Ammeters, oscilloscopes, and Omicron.
- Perform acceptance tests on equipment using various test equipment (e.g. computers, multi-meters and relay test sets) and ac/dc power supplies.
- Perform/supervise tests on electrical devices in our production facility and at customer sites.
- Interpret electrical/electronic and mechanical schematics.
- Support the development of level I Technicians and Assemblers.
- Create test plans and processes.
- Create and file testing documentation.
- Review specifications for proper implementation of project requirements.
- Assists in the proposal and bid process.
- Support the creation of standard testing templates (checklists and procedures) for protective relays, IED's and electrical devices frequently applied in our projects.
- Develop new and improved testing processes and fixtures.
- Attend training, develop, implement, and adhere to RPS Quality Management, safety and work procedures and requirements.
- Support the identification and implementation of continual improvement of processes and customer satisfaction.
- Support, as required, other aspects of our assembly and design efforts.

Required Knowledge, Skills & Experience:

- Associate's Degree in Electrical/Electronics Technology or related field, or commensurate experience.
- 10 years of experience in testing electromechanical relays, instruments and control devices.
- Experience programming microprocessors and protection relays.
- Experience with protection relay setup and programming (e.g. GE, ABB, SEL, etc.).
- Ethernet, Modbus, PnP3 experience.
- Testing and field experience in electric utility and industrial substations.
- Ability to stand for extended periods of time.
- Ability to travel to and work at customer sites.
- Proficient oral and written communication skills.
- Experience with Microsoft Office products (e.g. Word, Excel, etc.).
- Frequently lift/move up to 50 lbs.; occasionally lift/move up to 100 lbs.

Desired Knowledge, Skills & Experience:

- Experience in applying AutoCAD techniques in creating electrical drawings including single lines, schematics, wiring and logic diagrams

If you meet the criteria outlined above, we encourage you to apply. To apply online, [Click Here](#) to complete our employment application.

Rumsey Electric Company is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, national origin, sexual orientation, gender identity, disability, protected veteran status, or any other legally recognized status entitled to protection under the applicable federal, state, or local laws.