



Electrical Controls Engineer

Service Line, Inc. | Engineering | Reedsburg, WI

Primarily supporting Renegade Parts Washers

Full-Time / In-Person

Pay: Competitive salary

Travel: Less than 5%; occasional project-site travel may be required

About the Role

Service Line, Inc. is looking for a skilled and innovative Electrical Controls Engineer to join our engineering team in a close-knit, collaborative small-company environment.

This role is responsible for designing, developing, and building reliable and user-friendly control systems for the industrial equipment we manufacture. The work combines industrial controls system design, electrical schematic drawing, PLC and HMI programming, hands-on electrical system building, troubleshooting, testing, and optimization.

The right person will communicate well with customers, co-workers, and vendors; collaborate across engineering, project management, and production; and take ownership of control systems from design through testing and commissioning.

What You'll Do

- Collaborate with customers, co-workers, and vendors to ensure smooth communication and coordination.
- Design and implement electrical control systems, including wiring diagrams, control panels, and PLC programs.
- Program and configure PLCs and HMIs.
- Ensure electrical systems comply with applicable industry standards, safety protocols, and regulatory requirements in system design.
- Collaborate with project managers, engineers, and production staff to define and communicate system requirements.

- Conduct hands-on electrical system building, testing, and troubleshooting, including wiring, panel assembly, and commissioning.
- Identify opportunities for automation and process optimization and recommend improvements.
- Provide technical support and training to maintenance teams and operators for control systems.
- Stay current with advancements in control system technology and incorporate best practices.
- Look for practical ways to improve how the work is done.

What We're Looking For

- Associate's or Bachelor's degree in Electrical Engineering, Control Systems Engineering, or a related field, or equivalent professional experience.
- Knowledge of electrical standards and regulations, including NFPA 70, NFPA 79, and UL508A standards.
- Ability to read and interpret electrical schematics, P&IDs, and technical manuals.
- Excellent problem-solving, analytical, and troubleshooting skills.
- Strong communication and teamwork abilities.
- Comfort working across office, manufacturing-floor, and on-site/customer environments.
- Dependable and willing to take ownership of responsibilities.
- Willing to learn, ask questions, and build new skills.
- Takes pride in doing accurate, quality work.

Helpful, But Not Required

- Experience using SolidWorks Electrical to create electrical schematics.
- Familiarity with programming PLCs, including Allen Bradley and Unitronics.
- Familiarity with HMIs, including Allen Bradley and Maple Systems.
- Knowledge of Ladder Logic programming.

What We Offer

- Competitive salary.
- 100% employer-paid health insurance for qualified employees.
- 401(k) with company match.
- Paid time off and paid holidays.
- Quarterly bonus time based on company performance.

- A stable, locally owned manufacturing company.

Why This Role Matters

The control system is a critical part of how our industrial equipment operates. Reliable, user-friendly controls help make sure each machine runs efficiently, safely, and consistently for the customer.

From electrical design and programming through wiring, testing, troubleshooting, and commissioning, this role helps turn system requirements into working equipment and helps ensure the finished machine performs as intended.

This is a good fit for someone who enjoys solving technical problems, designing control systems, working hands-on with equipment, and collaborating with customers, engineers, project managers, and production teams.

About Service Line, Inc.

Service Line, Inc. is a locally owned manufacturer based in Reedsburg, Wisconsin. Founded in 1996, we design, manufacture, sell, and support products through two primary brands:

Renegade Parts Washers provides industrial parts washing equipment, detergents, and cleaning solutions for manufacturers, repair facilities, maintenance departments, and industrial operations across the country.

Hanen Automatic Cattle & Livestock Feeders provides automated feeding equipment designed to help livestock producers save time, improve feeding consistency, and simplify daily operations.

Our employees are part of the Service Line, Inc. team and, depending on their position, may support one or both brands.

How to Apply

Ready to learn more?

Professional Role: Send your resume and a brief introduction to careers@renegadepartswashers.com.

Service Line, Inc.

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Service Line, Inc. is an equal opportunity employer.