

Become part of the Hofmann family -

Your next job:

Electrical Controls Engineer

What awaits you as an Electrical Engineer Automation Technology (m/f/d) at Hofmann Balancing Technology?

American Hofmann is expanding its team with an Electrical Engineer Automation Technology (m/f/d). In this position, you will develop, load, and optimize PLC and safety control programs for Hofmann balancing machines. You will create PLC programs according to the Hofmann standard structure, adapt existing programs, and support troubleshooting and final testing of the machines.

Framework conditions

- Work location: On-site
- Working hours: minimum 40 hours per week
- Compensation: Fixed salary
- Reporting Line: Engineering Manager / CEO

Your tasks

- Reviewing work orders and understanding machine functions to develop or adapt robust control logic
- Interpretation of electrical schematics and technical advice to ensure complete and functional electrical circuits.
- Participation in interdisciplinary engineering teams to evaluate and select machine inputs and outputs.
- Configuration of PLC (Programmable Logic Controller) controls, safety controls, drive systems, and other electrical control components
- Application of engineering principles to the analysis, development, and deployment of automated solutions for balancing machines
- Support sales in developing concepts and creating effort estimates for customer-specific PLC software integrations
- Close collaboration with electrical engineers on the specification of electrical components for control cabinet construction
- Optimization of existing or development of new standardized PLC control logics for universal balancing machines
- Support of Senior Engineers on automation projects, especially in the areas of HMI user interfaces, network design, and device configuration
- Regular reporting on project status, as well as ensuring compliance with deadlines and project specifications.
- Support for the test department and electricians in troubleshooting and repairing electrical control systems
- Remote support for service teams in analyzing and resolving control-related issues at customer sites
- Occasional travel (less than 10% of working hours) to assist with the installation and commissioning of machines at customer sites

Your qualifications

- Completed studies in Electrical Engineering (Bachelor's Degree) or a comparable field with a focus on electrical engineering, control engineering, or automation technology.
- Experience in creating, programming, and interpreting industrial PLC software, especially with Allen Bradley, Omron, or Siemens systems.
- Proficient knowledge in reading, understanding, and interpreting electrical schematics, as well as experience with AutoCAD Electrical or EPLAN.

Your skills

- Excellent interpersonal communication skills for effective collaboration with all areas of the company
- Good problem-solving skills as well as experience in troubleshooting and repairing PLC controls for industrial machinery
- Basic understanding of control and automation engineering principles, relay circuits, and PLC ladder logic programming
- Fundamental understanding of engine and drive system tuning and parameterization
- Enthusiasm for innovation, as well as high motivation to learn new skills, technologies, and products
- Knowledge of safety devices and applicable safety standards for automated machinery

Your benefits

- Varied, challenging, and interesting work
- Room for personal initiative, creativity, and innovative solutions
- Good development opportunities and performance-oriented compensation in a pleasant working environment with flexible working hours
- Individual support through further training measures
- 401(k) plan with employer match
- Health, Dental, and Vision Insurance
- Health Savings Account (HSA) with Employer Contribution
- Flexible Spending Account (FSA)
- Life insurance
- Paid Time Off

Have we aroused your interest?

Then we look forward to receiving your comprehensive application documents. Please state your earliest possible start date.

Contact:

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