WELLONS

Control Systems Engineer/Programmer – Wellons, Inc.

Would you like to work for a company that has great benefits, provides a positive workplace atmosphere with an opportunity for growth, then you want to be a part of our team here at Wellons.

For over 50 years, Wellons has been a leader in providing biomass-fired energy systems, lumber dry kilns, and related products and services. Firmly established, Wellons provides its customers with complete services in design, engineering and manufacturing, as well as installation services and on-site technical services.

We are looking for a fulltime **Control Systems Engineer/Programmer** to join our team.

Duties include, but not limited to the responsibilities outlined below:

- Program and configure PLCs (Programmable Logic Controllers) for automation systems (e.g., Allen-Bradley, Siemens, etc)
- Develop and implement HMI (Human-Machine Interface) systems for process monitoring and control
- Perform system integration, including hardware and software configurations
- Conduct testing, debugging, and troubleshooting of control systems to ensure proper operation and functionality
- Collaborate with cross-functional teams to define project requirements, specifications, and timelines
- Provide technical support during system installation, commissioning, and maintenance
- Maintain accurate documentation of control system designs, program code, and test procedures
- Analyze and improve the performance of existing control systems for increased efficiency and reliability

REQUIREMENTS

- Proven experience in control system design, programming, and troubleshooting, particularly in industrial automation settings
- Proficiency in PLC programming languages (e.g., Ladder Logic, Structured Text, Function Block Diagram)
- Experience with HMI software (e.g., Wonderware, Ignition, FactoryTalk, WinCC)
- Strong understanding of industrial control systems, sensors, actuators, and communication protocols (Modbus, OPC, Ethernet/IP)
- Familiarity with networking principles and protocols in an industrial automation environment
- Knowledge of control system safety standards (e.g., IEC 61508, ISO 13849) and best practices
- Ability to read and interpret electrical schematics, control panel drawings, and P&ID diagrams
- Strong analytical and problem-solving skills with the ability to troubleshoot complex control system issues
- Excellent communication and teamwork skills
- Position may require up to 30% travel to both domestic and international destinations

PREFERENCES

- Familiarity with NEC and OSHA Standards
- Experience with AutoCAD Electrical
- Experience Designing and/or building electrical control panels
- Field experience with process industry, power distribution, and cogeneration
- Exposure to a wide variety of process machinery, industrial sensors, and equipment

BENEFITS

Vacation, Sick, Holiday pay, Medical, Dental, Vision, 401k & Profit Sharing
Salary: $85,000.00 - $110,000.00 per year