



Electrical Controls Engineer I - Wellons

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 wood-fired energy systems, lumber dry kilns, and related products and services to the forest products industry. We provide our customers with complete services in design, engineering, and manufacturing, as well as installation services and technical assistance.

We are looking for an **Electrical Controls Engineer I** to join our team at our corporate headquarters in Vancouver, WA. This position designs, develops, and supervises all aspects of electrical control systems, equipment, and machinery. May be responsible for the installation and technical support of PLC based hardware and software. The position is expected to be familiar with basic control system concepts, practices, and procedures. Graduate Students are encouraged to apply.

ESSENTIAL JOB FUNCTIONS:

- Design control systems in compliance with contracts and all applicable codes and standards with an emphasis on plant and operator safety.
- Compare, evaluate, select and configure electrical and electromechanical components.
- Develop design and test PLC code and HMI screens.
- Troubleshoot issues by phone, online, and on site.
- Train plant personnel on proper operating procedures of Wellons installations.
- Research new technologies to maintain Wellons' leading position in the market place.
- Perform other duties as directed.

REQUIREMENTS:

- Demonstrated proficiency with PLC and PC-based control systems and HMI's.
- Knowledge of PID and PI control theory, VFD's and motors.
- Familiarity with NFPA, NEC, OSHA Standards and Lockout Tagout procedures.
- Ability to operate a variety of electrical and electronic test equipment, hand tools, and power tools.
- Designing and/or building electrical control panels.
- Field experience with process industry, power distribution, and Cogeneration.
- Exposure to a variety of process machinery, industrial sensors, and equipment.
- Strong computer skills; must be capable of learning new software.

EDUCATION / EXPERIENCE:

- At a minimum this position requires a B.S. degree in Electrical Engineering, Controls Engineering or equivalent.
- Although no specific, certificates, licenses or registrations are required for this position, a desire to achieve E.I.T registration and P.E. licensing is desirable.

TRAVEL REQUIREMENTS:

- Ability to travel up to 30% (domestically and internationally) and work hours outside of routine schedule as required to support projects.

BENEFITS:

- Medical, Dental, Vision
- Vacation & Sick Time
- Eight paid holidays
- Profit Sharing