

Electrical/Control System Engineer

The Electrical/Control System Engineer reports to the Electrical Engineering Manager.

The qualified candidate will be responsible for electrical and control system design for industrial energy systems, material handling equipment, and lumber dry kilns. The position will interface directly with sales, mechanical, process and piping engineering, electrical fabrication shop, field installation, and customer service including, but not limited to the responsibilities and authorities outlined below.

1. Design of electric control and power-systems in compliance with OEM and EPC contracts and all applicable codes and standards.
2. PLC and HMI programming for development, design, and testing of process hardware and software.
3. Component specification for purchasing.
4. Customer support, on-site commissioning, and start up of biomass fired Boiler and Cogeneration plants, Thermal Oil Energy Systems, and Lumber Dry Kilns.
5. Troubleshooting by phone, online, and on site.
6. Representing Wellons in meetings with customers, consultants, vendors, and authorities.
7. Interaction and communication with all Wellons departments.
8. Maintain and improve technology of Wellons products.
9. Maintain and improve standardization of Wellons products.
10. Research of new technologies and products to further improve Wellons' leading position in the market place.

Required Skills

- ❖ Familiar with standard electrical wiring practices and NEC
- ❖ Ability to demonstrate proficiency with Relay Ladder Logic, PLC- and PC-based control systems, computer-based HMI's, specifically Wonderware InTouch, Rockwell FactoryTalk, Siemens WinCC, and others.
- ❖ Design and field experience, start-up and troubleshooting in process industry, power distribution, and Cogeneration.
- ❖ Excellent communication skills (verbal and written) with internal and external customers.

Desired skills and Education:

- ❖ BS degree in electrical or control systems engineering is highly desired.
- ❖ Good knowledge of AutoCAD Electrical, MS Office, plant design and project software such as Bentley AutoPLANT, or similar.
- ❖ Professional experience working with electrical systems, 3-Phase power and motor circuits, field devices, and instrumentation.
- ❖ Experience in commissioning of international projects.
- ❖ Willingness to learn from and work with coworkers and be a team player.

The work will require domestic and international travel according to job schedules.

Compensation according to experience and skills.

Benefits: medical, dental, vision, and profit sharing