



ELECTRONICS SYSTEMS ENGINEER

Job Title: Electronics Systems Engineer
Work Location: Ukiah and Scotia Mill Operations

Job Specific Information

I. Summary

This position is responsible for designing and coordinating the integration of advanced computer control and electronic information systems to support efficient mill operations and effective management of mill operations.

II. Duties and Responsibilities

- Train plant electricians in proper electrical and control systems troubleshooting and repair
- Evaluate the desired goal of new systems then develop and design system(s) to achieve
- Participate in planning, cost development, financial justification and scheduling for projects
- Work with vendors and contractors to ensure that upon completion of projects, company personnel is equipped with the knowledge and documentation necessary to ensure company personnel can adequately assume ownership of the equipment electrical and control systems on a go forward basis
- Perform calculations and evaluations in the design of equipment and systems for mill
- Test, monitor, verify accuracy, verify effectiveness and perform routine maintenance on all computer programmed and monitored controls
- Stay current with technology advancements and make recommendations regarding upgrades
- Develop standards for software and electrical systems for company's operations
- Provide work direction to others
- Champion power efficiency initiatives and programs companywide
- Implement systems for ensuring revision control and adequate back up of PLC programs
- Ensures all manufacturing software licenses are maintained and current at all times
- Develop and update PLC programming and electrical documentation to facilitate efficient troubleshooting including addition of troubleshooting capabilities to PLCs and HMIs (fault code messaging, troubleshooting screens, etc)
- Work closely with other engineers, construction, maintenance and operations management to ensure the best total solution on new systems and system upgrades

III. Qualifications/Requirements

- Bachelor of Science degree (B.S.) in system engineering, electrical engineering, computer engineering or other related engineering field from a four year, fully accredited college or a minimum of two years engineering
- Experience in the design and structure of commercial sawmills is preferred
- Understanding of OSHA codes as it related to electrical systems
- Ability to travel frequently between Mendocino Forest Products in Ukiah and Humboldt Redwood Company in Scotia
- Advanced skill levels with Microsoft Office, Access Database, AutoCAD, Solid Works
- Advance knowledge of Allen Bradley PLC5 and Control Logix, Delta Motion Control and Allen Bradley motion control systems

IV. Application Process

- Email a cover letter and resume including salary history to recruiter@hrllc.com or
- Fax to 707-764-4154