

POSITION DESCRIPTION

Location: Wausau WI or Loveland CO

Position Title: Controls Engineer with HMI / Network emphasis

Reports to: Engineering Manager

JOB SUMMARY

Design and implement control systems for electrical generation facilities

REQUIREMENTS

- BSEE with 2 years of experience or Technical Associates Degree with 10 years' experience with PLC based automation, HMI and industrial networks
- Ability to design, program, configure and troubleshoot PLC, HMI and industrial network based control systems
- Ability to design and interpret electrical drawings
- Ability to understand hydraulic and pneumatic systems

DESIRABLE:

- Professional engineering registration or the ability to become registered
- Working knowledge of Spanish or French languages

ESSENTIAL FUNCTIONS

- PLC, HMI and industrial network programming and configuration
- Prepare O&M manual, factory acceptance test (FAT), site acceptance test (SAT) and customer training documents
- Perform FAT, SAT, customer training and system commissioning
- Utilize L&S Electric ISO system to ensure quality products and services

OTHER REQUIREMENTS

- Strong interpersonal, communication and organizational skills
- Very good oral and written communication skills
- Proficient use of personal computer, operating knowledge of Microsoft Word, Excel and Project
- Willingness to learn new skills and approaches to dealing with problems
- Strong electrical and mechanical aptitude
- Work effectively as an individual and in a team environment
- Be a "Self-starter", effectively perform duties without guidance
- Positive attitude
- Periodically work extended hours to complete project specific requirements
- Ability to travel 30% throughout US and Canada, potentially in Australia and Latin America
- Able to wear personal protective equipment; hearing protection, hard hat, safety glasses, etc.
- Valid drivers license, able to be insured
- Valid passport or ability to obtain one
- Possess practical operating knowledge of Microsoft Word, Excel and Project
- Fluent in English language
- Support Engineering division as requested

WORKING CONDITIONS

- Occasional lifting of heavy objects
- Environmental conditions vary from facility to facility (i.e. heat, noise)
- Uneven or slippery walking surfaces
- Aerial work may sometimes be necessary

