

## POSITION DESCRIPTION

Location: Wausau WI

Position Title: Field Service Engineer

Normal hours: 40 + Hrs/wk:

Reports to: Services Manager

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### **JOB SUMMARY**

Travel extensively and perform service, site acceptance testing, installation supervision and commissioning of control, automation and protection systems used at electric power generating plants.

### **REQUIREMENTS:**

- BSME, BSEE or Associates degree and 2 years relevant experience
- Knowledge of PLC based control systems
- Knowledge of hydraulic systems
- Ability to read and understand electrical and mechanical drawings
- Excellent commissioning and troubleshooting skills
- Experience using mechanical, electrical and hydraulic test equipment
- Ability to respond in a timely manner to customer requirements for service

### **DESIREABLE:**

- Experience with Automation Systems, SCADA Systems, Excitation Systems, Protective Relays and Switchgear
- Experience with mechanical, analog and PLC based turbine controls for hydro, steam, diesel or gas powered applications
- Experience with PLC programming
- Experience with Contractor Installation Services
- Working knowledge of Spanish or French languages

### **ESSENTIAL FUNCTIONS:**

- Successfully perform site acceptance testing, installation supervision, installation and commissioning of L&S Electric equipment
- Perform routine maintenance of control systems
- Troubleshoot and tune control systems including all associated mechanical, hydraulic and electrical equipment
- Provide Customer training on governors and control systems including component maintenance
- Complete retrofit of existing controls with modern L&S Electric PLC based control systems
- Accurate documentation and recordkeeping

### **OTHER REQUIREMENTS:**

- Excellent customer relations and site management skills
- 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 70% 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
- Ability to use hand and power tools effectively and safely
- When on call, respond to customer service calls 24 hours a day, 7 days a week

### **WORKING CONDITIONS:**

- Work is performed at the Customer jobsite as well as at L&S Electric facilities

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

Form completed by: