

L&S ELECTRIC, INC.

Position: **Control Engineer**

Location: Wausau WI

=====

JOB SUMMARY:

- Design and implement governor, control and protection systems for electrical generation facilities.

REQUIREMENTS:

- BSEE or BSME
- Ability to travel in excess of 30% domestically and internationally
- Able to perform all essential functions of the job

DESIRABLE:

- Professional engineering registration or the ability to become registered

ESSENTIAL FUNCTIONS:

- Commissioning of governor systems
- Commissioning of hydraulic systems
- Commissioning of unit control systems
- Design DEP systems
- Design electrical schematic diagrams
- Design external electrical wiring diagrams
- Design field instrumentation systems
- Design internal panel wiring drawings
- Design PLC drawings
- Design PLC programs
- Design, develop, test and start up projects as requested
- Develop customer training documents
- Ensure effective information handoffs
- Interpret electrical drawings
- Interpret mechanical drawings
- Minimize rework and warranty on all projects
- Perform electrical calculations for system sizing and component selection
- Perform FAT, installation supervision, SAT, customer training and system commissioning as requested
- Prepare O&M manual, factory acceptance test (FAT), installation, site acceptance test (SAT) and customer training documents
- Support Engineering division as requested
- Troubleshoot PLC based control systems
- Utilize electrical and hydraulic test equipment
- Utilize L&S Electric ISO system to ensure quality products and services
- Work effectively with all other project team members such as control, electrical, HMI and mechanical disciplines
- Work with designers to develop drawings

OTHER REQUIREMENTS:

- Ability to confidently correspond with customers via oral and written means
- Ability to travel to Canada
- Ability to work independently and in a team environment with minimal supervision
- Able to wear personal protective equipment; hearing protection, hard hat, safety glasses, etc.
- Able to work for any employer in the United States
- Be a self-starter, effectively perform duties without guidance
- Display a positive can do attitude
- Excellent customer relations skills
- Fluent in English language

- ❑ High level organizational skills with ability to set priorities, manage multiple deadlines and work under pressure
- ❑ Possess a strong attention to detail
- ❑ Possess strong electrical and mechanical aptitude
- ❑ Proficient use of personal computer, operating knowledge of Microsoft Word, Excel and Project
- ❑ Shall sign L&S Electric confidentiality agreement
- ❑ Shall work as required to complete work requirements
- ❑ Simultaneously execute multiple projects
- ❑ Strong communication skills, ability to correspond confidently with customers and project team
- ❑ Valid driver's license, able to be insured
- ❑ Valid passport or ability to obtain one
- ❑ When on call, respond to customer service calls 24 hours a day, 7 days a week
- ❑ Willingness to learn new skills and approaches to dealing with problems
- ❑ Work effectively as an individual and in a team environment

WORKING CONDITIONS:

- ❑ Aerial work may sometimes be necessary
- ❑ Core working hours start at 8AM unless prior approval given. Eight (8) working hours per day are required. Overtime requires prior approval.
- ❑ Environmental conditions vary from facility to facility (i.e. heat, noise)
- ❑ Occasional lifting of heavy objects
- ❑ Uneven or slippery walking surfaces
- ❑ Work from assigned L&S office unless prior approval given
- ❑ Work is performed at the customer jobsite as well as at L&S Electric facilities.