

Controls Technician

Role: Controls Technician

Position Purpose

Under minimal supervision, responsible for maintaining, installing and troubleshooting all plant instrumentation and other control systems. Applies knowledge and understanding of programming and troubleshooting plant controls processes and the equipment used to control those processes. Makes recommendations to improve the control of the processes or the processes themselves. Supports the maintenance of plant equipment to ensure a minimum of downtime.

Functional Responsibility

Essential Duties

- Isolates and corrects defective valves, broken diaphragms and contaminated systems, improperly working electronic units, and other malfunctions or inefficient processes
- Prepares various reports and maintains historical records of problems and causes for specified preventive maintenance or troubleshooting assignments
- Responsible for understanding and complying with applicable quality, environmental and safety regulatory consideration
- Reads and troubleshoots instruments using electrical ladder schematics
- Supports and commissions process control instruments, and new instrument installs by means of PID loop calibration
- Provides direction to plant electricians, automation technicians and mechanics as needed to complete repairs
- Recommends component changes or replacement devices for more efficient and accurate process measurement and control
- Develops and troubleshoots Allen Bradley PanelView HMIs, and Total Control OITs; navigates the projects to troubleshoot process upsets
- Programs parameters and troubleshoot, and commission variable frequency drives
- Develops projects for Allen Bradley PanelView HMIs
- Maintains and troubleshoots production network systems
- Maintains Ignition Application and MES system
- Installs and creates simple programs and changes for Allen Bradley PLCs, and navigates the programs to troubleshoot process upsets

*Other duties may be assigned

Non-Essential Duties

*Other duties may be assigned

Minimum Requirements

Education and Experience

- High school diploma or GED equivalent
- 5-7 years of experience working with PCL controls, logic circuits, pneumatic and electrical equipment

Knowledge, Skills, and Abilities

- Required to read, write, and understand the English language
- Skilled in the use of programmable logic controllers (preferably Allen Bradley) and programming language (preferably Python)
- Knowledge of variable frequency drives

Certificates and Licenses

N/A

Working Conditions

- May be required to drive automotive equipment
- Exposure to dust, fumes, and gases
- Protected Heights
- Operates keyboard & mouse
- Required to talk & listen

Work Standards

- Acts in a manner reflective of the Company culture of High Moral Standards, Innovation and Continuous Evolution, Trust in Team, Continuous Improvement, and Sustainable Relationships
- Communicates, interacts, and works effectively with others; receptive to feedback and coaching; voices concerns in a constructive manner
- Demonstrates commitment to safety first; communicates safety concerns; promotes a safe work environment based on established safety standards and training
- Follows all Company policies and procedures

Additional Comments

Management retains the discretion to add to or change the duties of the position at any time.

Physical Requirements

- Below Shoulder Level Reaching - 1% - 33%
- Over Shoulder Level Reaching - 1% - 33%
- Sitting - 34% - 66%
- Standing - 34% - 66%
- Walking - 34% - 66%

- Bending - 34% - 66%
- Squatting - 34% - 66%
- Crawling - 34% - 66%
- Climbing - 34% - 66%
- Carry up to 10 lbs. - 34% - 66%
- Carry up to 11-24 lbs. - 1% - 33%
- Carry up to 25-50 lbs. - Never
- Carry up to 51-70 lbs. - Never
- Lifting 0-10 lbs. - 34% - 66%
- Lifting 11-24 lbs. - 1% - 33%
- Lifting 25-50 lbs. - 1% - 33%
- Lifting 51-70 lbs. - Never
- Right Hand - Fine Manipulation - 1% - 33%
- Right Hand - Pushing/Pulling - 1% - 33%
- Right Hand - Simple Grasping - 1% - 33%
- Left Hand - Fine Manipulation - 1% - 33%
- Left Hand - Pushing/Pulling - 1% - 33%
- Left Hand - Simple Grasping - 1% - 33%
- Left Foot - Use Repetitively - No
- Right Foot - Use Repetitively - No