



<https://www.concordfoods.com/job/process-control-engineer/>

Process Control Engineer

Description

The Process Engineer's job summary will include identifying areas for improvement, project management, maintaining high levels of manufacturing and product quality, as well as ensuring optimization of equipment and conformance to regulatory standards.

Hiring organization

Concord Foods

Industry

Manufacturing

Job Location

10 Minuteman Way, 02301,
Brockton

Base Salary

\$ 70,000 - \$ 100,000

Date posted

March 11, 2024

Responsibilities

- Develops manufacturing processes by studying product requirements, researching testing methods, and conferring with equipment vendors
- Prepares product and process reports by collecting, analyzing, and summarizing information and trends.
- Assist the operations team with process and equipment troubleshooting
- Optimize manufacturing efficiency by analyzing and planning workflow, facility layouts, and production lines.
- Provide training for staff with new and existing processes
- Ensure that manufacturing procedures follow safety and environmental regulations
- Manage Greenfield and Brownfield projects
- Prepare and compose Standard Operating Procedures (SOPs), FAT, SAT and Validation documentation
- Understanding and providing input to the asset life cycle and obsolescence strategy
- Working closely with suppliers on the design and purchase of new equipment and modifications to existing systems
- Creating and updating electrical schematics, specifications, software, and documentation
- Develop technical documentation, training manuals, and standard operating procedures; conduct training classes for system users
- Work on concurrent projects in different stages of completion along with troubleshooting and commissioning of vendor built assemblies
- Responsible for optimizing the production systems/process during the shift
- Develop, test and install PLC and control software as part of a highly automated, complex, high volume 24/7 validated production environment
- Supporting skilled trades with breakdowns and troubleshooting of existing equipment
- Working with process engineers, operations, and skilled trades to improve existing equipment and design/install new equipment capabilities
- Use engineering skills and tools to design, test, and implement small control system upgrades

Qualifications

- Degree in engineering discipline (Mechanical, Manufacturing, Industrial, Electrical, or Chemical) BS
- 5 +year experience with PLC in a manufacturing background
- Excellent planning, project management and leadership skills with proven problem solving skills
- Strong communication and leadership skills with the ability to effectively lead technical project teams to achieve project goals
- Advanced PC skills (i.e. hardware modification / replacement)
- Hands on experience building & commissioning high quality electrical control panels & electro-mechanical systems
- Experience with designing control systems and programming software systems that interface with the plant
- Experience as a hands-on Controls Engineer or Robotics Engineer working on automation and/or electromechanical systems
- Proven programming ability in RS Logix 5000/500 is a requirement
- Experience modeling with 3D CAD software
- Prior manufacturing or development of process control and instrument engineering experience
- Solid understanding of common manufacturing processes and machines
- Experience working with AutoCad, understanding of electrical schematics and circuitry