



SANI+MATIC

Sani-Matic Job Description

Title: Automation Controls Engineer

Dept: Product Development (Engr)

Reports to: Product Development Manager

Status: Exempt

Position Summary:

The Automation Controls Engineer's primary responsibility is to lead the development and execution of Sani-Matic's long-term controls product strategy—and maintain an inherent drive to deliver innovative product solutions. This requires working closely with sales, marketing, and engineering to identify customer needs. A qualified candidate must possess the vision to pursue multi-year product strategies, the technical experience to serve customers in the food, beverage and bio-pharm industries, and the ability to function as a high performer in a collaborative environment.

Essential Functions:

- Expand the automation and controls knowledge base in support of new product development.
- Develop a long-term controls vision for product offerings estimated to launch in 3-5 years.
- Lead and execute projects ranging in duration from 3-9 months, in support of the long-term vision.
- Collect and interpret automation and controls project needs from a variety of sources.
- Provide support on Product Development projects that include significant controls deliverables.
- Specify, develop, procure, install, and test controls systems for new product development activities.
- Stay abreast of cutting-edge technologies and trends and communicate those trends to key team members.
- Support marketing efforts to develop and update product literature.
- Create templated system documentation files to be used in turnover packages, e.g. Factory Acceptance Test (FAT), Site Acceptance Test (SAT), Installation and Operational Qualification (IQ/OQ), Functional Specifications (FS), Configuration Specification (CS), and HMI user manuals.
- Operate computer-aided engineering or design software to perform engineering tasks.
- Complete all other duties as assigned by Product Development Manager.

Knowledge / Skills / Expertise:

- Associates degree in Engineering or equivalent is required; similar bachelor's degree is desired.
- 5-7 years in a similar position is desired.
- Demonstrated knowledge of database management systems, preferably SQL databases.
- Experience designing, building, and testing PLC software and hardware systems for automated equipment controls.



- Familiarity with 21 CFR Part 11: Food & Drug Administration regulations on electronic records and signatures.
- Extensive experience with sanitary applications in the food/beverage industry and/or bio-pharm industry including the following:
 - Familiarity with sanitary components and fluid engineering fundamentals.
 - Familiarity with process controls, UL requirements and PLC operation.
 - Familiarity with P&ID and CAD drawings.
 - Experience with written proposal development.
- Efficient and hardworking self-starter with integrity.
 - Upbeat individual with sense of urgency, responsiveness and persistence.
 - Enjoys solving technical problems and maintains a “customer-centric” service attitude.
 - An excellent listener able to pose pertinent questions and provide creative solutions.
 - Able to diagnose a customers’ “need” vs. “want”.
 - Able to effectively prioritize multiple tasks and activities to optimize productivity.
 - Quick learner able to understand production process.
 - Highly organized and able to manage multiple tasks under pressure.
 - Able to prioritize without supervision.

Environmental Conditions:

- Occasional travel to tradeshow, off-site training, and/or customer visits is required: 5-10%. Must maintain a valid driver’s license in good standing.
- Humidity level in the manufacturing areas may be elevated during summer months.
- Exposure to certain contaminants in the manufacturing areas, at times.
- Exposure to loud noise levels in the manufacturing areas, at times.

Physical Demands:

- This position requires occasional use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping and handling materials, as required to conduct testing.
- Climbing on ladders may be required at times in association with testing.
- The use of safety equipment such as safety glasses, steel toed shoes, gloves, helmets and hearing protection is utilized daily in the plant.
- While performing the duties of the job, the employee must be able to use a keyboard, calculator and telephone.
- Required to stand or walk, sit, talk, hear, and use hands to finger, grasp, handle, or feel.
- Must be able to lift and maneuver 50 lbs. without physical restrictions.

What Sani-Matic Offers and Expectations of Employees:

A culture that embraces five Core Values:

- Do what is right.
- Put customers first.
- Commit to continuous improvement.
- Focus on safety.
- Deliver consistent quality.