



SANI-MATIC

Sani-Matic Job Description

Title: Product Engineer

Reports To: Sr. Product Manager

Dept: Product Development

Status: Exempt

Position Summary:

The primary responsibility of the Product Engineer is to improve existing products and develop new products for Sani-Matic systems and components. Additionally, the Product Engineer will develop use of new technologies, lead testing activities, and drive product development projects from the Concept to Launch phase.

Essential Functions

- Collaborate with Product Management, Marketing, Sales, and others in Product Development in the creation, development, maintenance, design & improvement of products & technology in accordance with established business goals and objectives.
- Establish and maintain Sani-Matic engineering/design standards, principals, calculations, procedures, guidelines and/or instructions as required.
- Responsible for planning, executing, and managing the technical aspect of projects to implement new products, and manage changes to existing products and manufacturing processes.
- Perform complex engineering assignments that involve product design, test of materials, specification preparation, process study, research investigation and other related tasks for product improvement and development.
- Understand customer needs (Voice of Customer, VoC) in the industries Sani-Matic serves and successfully translate these into product improvements and new products
- Participates in continuous improvement initiatives by analyzing products and processes to provide recommendations for performance, quality, cost, and manufacturing improvements.
- Periodically inspects completed parts, assemblies, and systems to ensure conformance with Sani-Matic engineering and equipment standards.
- Provide engineering support and training for all products to all departments and customers as required.
- Communicates regularly with vendors to obtain operational information and technical assistance.
- Support compliance with regulatory entities (e.g., ASME BPE, 3-A, FDA, UL, CE)
- Performs additional duties as assigned by manager.



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Knowledge / Skills / Expertise:

- Bachelor of Science degree in Engineering or equivalent experience (Chemical or Mechanical Engineering, preferred)
- 3-5+ years' experience in sanitary design & processing applications (food, beverage, nutraceutical, cosmetic, pharmaceutical, etc.) required – preferred experience in Clean-In-Place (CIP) and Clean-Out-of-Place (COP) applications
- 3-5+ years' experience in manufacturing related design work (approval, assembly, and detailed production fabrication drawings) desired
- Experience and/or interest in new technologies (e.g., 3D printing, CFD software, etc.) to integrate and utilize with new product development
- Interest and excitement in promoting new product improvements in conjunction with marketing through video, webinar, or other promotional activities
- Experience in fluid dynamics and associated technical components (e.g., pumps, valves, instrumentation) and aspects (e.g., NPSH, flow, pressure) around it.
- Experience with capital expenditure justification, including Total Operating Cost and ROI.
- Knowledge of product costs and experience with working towards profitability goals.
- Strong verbal and written communication skills with the ability to interact with all levels of the organization.
- Ability to work within a cross functional team is essential, as well as exert influence without alienating others.
- Aptitude to leverage the technical resources of our vendors and suppliers.
- Detail oriented, independent thinking, self-starting, motivated.
- Excellent problem solving, critical thinking, decision making skills.
- Must be able to handle multiple tasks/projects and manage priorities accordingly.
- Proficiency in latest computerized design applications (e.g., AutoCAD, SolidWorks).
- Proficient with Word, Excel, Power Point, Outlook, CRM, 2D modeling (e.g., AutoCAD), 3D modeling (e.g., SolidWorks)
 - Above average typing, spelling, grammar, and excel skills
 - Ability to adapt to new technology

Environmental Conditions:

- Occasional travel to suppliers, customer facility locations, or trade shows may be required – up to 10%.
- Humidity level in the shop may be elevated during summer months.
- Exposure to certain contaminants in the shop, at times.
- Exposure to loud noise levels in the shop, at times.

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2855 Innovation Way, Sun Prairie, WI 53590

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Physical Demands:

- Works in normal office environment and makes occasional client visits requiring air travel or driving personal vehicle. When in office, regularly works from a sitting position at a computer. Repetitive typing and computer use are required.
- Works at manufacturing site to survey conditions and resolve coordination issues with trades.
- Ability to climb up and down ladders, steps, catwalks, and machinery at site is required.
- 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.
- 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.
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- A highly competitive wage and the ability for internal growth opportunities.
 - Health, Vision, Dental, LTD, STD, Paid Time-Off, and Company Paid Life Insurance.
 - 401k with company match.

Note: This job description is reviewed periodically and may be subject to change.

This job description is reviewed periodically and may be subject to change. I understand and acknowledge the **Product Engineer** job description listed above:

Print Name

Date

Signature

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