

6/25/2021

Design Engineer

American-Marsh Pumps, LLC

Job Location: Collierville, TN

Department: Engineering

Reports To: Engineering Manager

Summary:

The Design Engineer will work with other engineers, mechanical drafters, and company personnel from other departments to define product specifications, develop conceptual and final design solutions, manage and coordinate project activities, support existing product offerings, and perform testing/analysis of new and existing products.

Responsibilities:

- Design components, perform calculations, set up part numbers, and create bills of materials for new product development projects
- Review drawing requests submitted to the Engineering Department and support the mechanical drafters with creating the requested drawings
- Perform and write reports for modal and/or static analyses using computer aided finite element techniques
- Provide support as needed reviewing technical project equipment specifications and quotation configurations for engineered to order product
- Assist with troubleshooting problems encountered throughout the manufacturing process of pumps in production
- Assist with troubleshooting problems with pumping equipment encountered by end users in the field (will not include on-site field services)
- Assist with managing current product certifications and obtaining new product certifications
- Provide technical product training as needed for company personnel
- Work to improve product quality and performance

Qualifications and Skills:

- Bachelor of Science Degree in Mechanical Engineering
- 3+ years of experience, pump industry experience preferred
- Advanced skill with AutoCAD
- Advanced skill with Autodesk Inventor Professional, SolidWorks, or other solid modeling software



- Proficient with the Microsoft Office Suite
- Strong leadership and communication skills, both written and verbal
- Excellent creative thinking and problem-solving skills
- Excellent attention to detail
- Actively works to minimize complexity
- Good organizational skills, being able to manage multiple projects simultaneously while meeting deadlines
- Work effectively under pressure individually as well as part of a team
- Knowledgeable of machining and fabrication processes
- Strong knowledge of engineering fundamentals

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Please submit your resume to lenita.fisher@wilo.com