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Job Description

Job Title:	Manufacturing Engineer
Location	Richland, MI
Department:	Operations
Status:	Full time, Employee
Industry:	Medical Device

Position Purpose: Responsible to support the Device Operations Team with engineering programs, procedures, and systems that deliver products that consistently meet or exceed customer, regulatory, and company requirements; improve current manufacturing processes and procedures; develop manufacturing plans and documentation to support new products; facilitate efficient operations within the production area to ensure production goals are met; analyze and solve problems from basic engineering principles, theories and concepts through to a wide range of complex and advanced problems.

Major Responsibilities:

- Lead the development, modification, and execution of engineering programs, statistical analyses, and lean manufacturing activities to meet or exceed performance targets for customer satisfaction, profitability, and productivity
- Initiate and complete technical activities leading to new or improved products or processes for current programs, next generation programs, and to meet strategic goals and objectives
- Design, develop, evaluate, and improve manufacturing methods utilizing knowledge of product design, materials and parts, processes, production equipment capabilities, assembly methods, and quality control standards
- Identify opportunities for cost reduction; implement process and product improvements to achieve cost reduction goals
- Provide new product development engineering support including product design, validation support for product, processes, packaging, software and sterilization; develop inspection plans and procedures; evaluate the precision, accuracy, and reliability of company products
- Ensure proper documentation is completed to meet quality systems requirements. Write and review validation protocols and reports applicable to new processes
- Monitor performance of equipment, machines, and tools; correct equipment problems or process parameters that produce non-conforming products, low yields, or product quality issues
- Resolve day-to-day production issues that may impede ability to ship quality products on time

Experience and Education

- Bachelors degree in Engineering or related field
- Minimum of 2 years medical device experience

Requirements:

- Adept and experienced problem solver able to determine root cause of technical issues and implement effective solutions in a timely manner
- Creative thinker with ability to think ‘out of the box’ in a fast-paced entrepreneurial environment
- Demonstrated resourcefulness and ability to adapt to a variety of situations
- Demonstrated ability to prioritize, initiate, and drive projects to completion
- Solid knowledge of engineering fundamentals; ability to apply this knowledge to manufacturing and product
- Strong attention to detail

Acknowledgement

The Manufacturing Engineer job expectations listed above have been fully explained to me. I certify that I understand the commitments expected of me and acknowledge that these expectations will be included within the performance evaluation process.

(Employee Signature/Date)

(Manager Signature/Date)

(Human Resources Signature/Date)