

# Manufacturing Engineer - Value Stream

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## **Position Summary**

Reporting to the Senior Manufacturing Engineer, the Manufacturing Engineer is a key technical role in the company. They will be capable of working with different levels within the organisation in supporting the introduction of and manufacturing of medical devices.

## **Duties and Responsibilities**

- Provide Engineering support for the introduction of new products and processes into Manufacturing by collaborating with the internal commercial team on technical specifications, costings, documentation (Drawings, Specifications, BOMs CHRs, Validations, Process Flows, Work Instructions Risk Assessments etc.)
- Maintenance of Product and Process Documentation.
- Generate effective Machine Maintenance Schedules ensuring optimised machine availability.
- Evaluates in conjunction with EHS new equipment/processes/chemicals for environmental impact/effect to eliminate or lessen such impacts/effects.
- Plan for the effective scaling of new products from initial builds to volume production.
- Hands on approach to the ownership of first run builds for new products.
- Diagnose and implement solutions to manufacturing issues, using a structured problem-solving approach, documenting these issues through the quality system to ensure robust processes.
- Lead the implementation of lean manufacturing principles.
- Continually seek to drive improvements in process design and capability, layout, operational performance and reduce defects.
- Challenge and improve the production flow (CHR) to achieve quality at source, fast feedback from inspections, clear and concise standard work and inspection standards.
- Demonstrates good working knowledge and application of validation techniques and associated regulatory requirements.
- Design jigs and fixtures to meet manufacturing requirements and optimise machine changeover.
- Provide training on new products and processes
- Liaise with suppliers and external resources.
- Keep your skills current and be conversant with the latest developments in technologies and materials which are relevant to the Company's business.
- To take on other duties which the Company may assign you from time to time. These "other duties" will be agreed with management prior to any assignment.

## **Skills, Experience and Qualification**

A Degree qualification in Engineering is essential coupled with 3 to 5 years' experience in an engineering role. Other skills or relevant qualifications include:

- Excellent communication and presentation skills within a team environment to all levels of the organisation.
- Confident and capable of leading a team.
- Experience working in a lean environment.
- Experience working with and responding to OEE.
- A hands-on approach to diagnosing and fixing manufacturing issues.
- Ability to manage several tasks simultaneously.
- Excellent analytical skills and a structured approach to problem solving.
- Excellent attention to detail.
- A positive attitude in dealing with people.
- Excellent PC skills including Microsoft Office packages.
- Enthusiastic, professional, highly driven, self-motivated and completely committed.

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### **Desirable but not essential**

- Familiar with PLC's and control systems.
- ERP Systems (preferably SAP)
- Experience with statistical analysis packages and CAD drawing software.