

Job Description: Manufacturing Engineer

ROLE

We have an immediate opening for a **Manufacturing Engineer**. This position is responsible for manufacturing process development for new product introductions. This position will also be responsible for participating in and leading projects targeted towards improving cost, quality, delivery, and safety. Must be able to: 1) work independently with minimal supervision, 2) balance workload with multiple priorities, and 3) take multiple paths to resolve issues, including using own technical skills up to contacting/scheduling/overseeing external service

The suitable candidate will be expected to participate in projects and interact with customers during the development and introduction of new products and technologies.

This position will involve overseeing the maintenance and calibration of critical equipment-systems.

There will be a strong linkage with the Quality Assurance department in supporting the Regulatory and Compliance requirements of an ISO13485 organisation.

The candidate should have a strong background in manufacturing, mechanical, production, biomedical engineering or other related disciplines.

PRINCIPLE RESPONSIBILITIES/DUTIES

The Manufacturing Engineer will be principally engaged in the following tasks:

- Develop, document, and implement manufacturing methods needed to produce new products
- Design and implement manufacturing tooling to improve workplace safety, workstation ergonomics, operator productivity and product quality
- Review engineering changes and take appropriate measures to ensure all product documentation for the affected operations (methods, BOM's, test procedures, etc) are updated to support the change prior to release to production.
- Analyse, report and optimize production cost structure.
- Develop and implement changes in operational workflow as needed to improve and accelerate the flow of product through the facility.
- Develop, document, implement and update standard operating procedures across all areas of responsibility.
- Identify, define, document and share best manufacturing engineering practices.
- Support the development of global manufacturing engineering standards.
- Partner with internal resources to develop capable equipment suppliers.
- Provide direct support to manufacturing activity
- Support quality related activities including non-conformance reporting

- Create and maintain key engineering documentation required through all stages of the manufacturing process
- Manages IQ, OQ & PQ Validation activities
- Generate validation and test protocols, monitor testing, issue qualification test reports and approve components for use in products.
- Responsibility for management of the Calibration and Preventative Maintenance programs.

DESIRABLE SKILLS & QUALITIES

Bachelor's degree in science and engineering or related field

- 4+ years' experience in a manufacturing environment preferred.
- Knowledge of Industrial engineering and lean manufacturing principle.
- Six sigma trained or certified preferred.
- Proficient in MS office software.
- New product launch and project management experience.
- Strong hands-on problem solving skills.
- Strong test equipment development experience.
- Knowledge of health, safety, ergonomics and environmental regulations and practice.
- Self-motivated, organized, team oriented, and creative.