

Senior Supplier Quality Engineer -- Medtronic Surgical Technologies – Jacksonville, FL

Please apply directly at jobs.medtronic.com (Requisition# 71698)

***** LEAN Manufacturing/Electro-Mechanical (power supply) background preferred *****

Position Description

The Sr. Supplier Quality Engineer has the responsibility to select business teams facilitating front-end design, design transfer to manufacturing, and process improvements to obtain optimum product reliability, safety, and effectiveness from current and new suppliers.

Position Responsibilities

- Audit suppliers for compliance and drive the follow up for non-conformance.
- Participates in Business Team operations to approve testing of all new product designs, design test parameters for R&D, Operations and QA, conduct reliability assessments, evaluates and approves ECN changes for existing products, monitor design developments for maintaining quality compliance and assists in software engineering, testing, and validation.
- Participates in new product development, and establish quality and reliability expectancy of the finished product.
- Identifies, applies, and updates engineering and technical standards requirements for devices, including standards compliance in product design, manufacture, and labeling.
- Investigates and reports on corrective actions effectiveness and timeliness. Assists audits of finished products, final inspections, returned and serviced products. Minimal travel up to 10%. Performs other duties as assigned. Complies with the Medtronic site Quality System.

Basic Qualifications

- Minimum of 5-10 years experience with a BS degree and 3-6 years experience with a Masters degree in Electrical or Mechanical engineering.
- Experience in medical device design and application of test standards.
- Minimum of 3 years industry experience, preferably in the medical device manufacturing, specifically printed circuit boards
- Working knowledge of IEC606-1, UL2601-1, EMC Directive, and other appropriate industry standards.
- Experience in application statistical methods to design reliability and process capability. Certified Quality Engineer, Reliability Engineer, or equivalent desired.

Desired/Preferred Qualifications

- Good oral and written communication skills.
- Excellent presentation and negotiation skills.
- Must be able to handle multiple tasks/projects and manage priorities accordingly.
- Working knowledge of appropriate industry standards.
- Experience in application statistical methods to design reliability and process capability.
- Must be able to work in a team environment and exert influence without alienating others.

Please visit jobs.medtronic.com (Requisition# 71698) for a full job description and to submit your profile. Please list the source as Employee Referral and 'LISA KARAS' as referring employee

Senior Manufacturing Engineer -- Medtronic Surgical Technologies – Jacksonville, FL

Please apply directly at jobs.medtronic.com (Requisition# 71906)

Experience in Medical device, Capital and disposable products preferred

Position Description

The Senior Manufacturing Engineer has the responsibility and authority to support the Manufacturing Engineering group:

- Develops, refines and maintains new and existing manufacturing processes, including the creation of manufacturing processing documentation (XPIs), equipment operating instructions (XEOIs), and product routers.
- Designs, constructs and maintains assembly fixtures and test equipment.
- Generates, collects and/or collates process test data, prepares specifications, and orders materials and components.
- Qualifies and/or validates manufacturing processes and trains production operators.
- Identifies, qualifies, and executes quality improvement cost savings initiatives.
- Participates in new product project teams, providing design for manufacturing (Value Stream) input during the product design phase.
- Coordinates new product activities nearing integration into the manufacturing environment.

Position Responsibilities

- Designs, develops and leads projects associated with the development of new, current, or acquired manufacturing processes.
- Participates in new product project team activity, supporting design for manufacturing elements.
- Identifies, justifies and implements significant projects to reduce manufacturing costs, improve processes, increases product reliability and enhances process capability.
- Designs, and evaluates new and existing fixtures and equipment, test methods, specifications, layouts and standards supporting a Lean manufacturing environment.
- Develops and communicates status reports to executive management and leads project or task teams on an as needed basis.
- Generates, collects and/or collates test data and prepares specifications, and orders materials and components.
- Identifies and mediates training needs for operators/employees within value stream scope or areas of responsibility, providing leadership and mentoring.

Basic Qualifications

- Minimum nine to thirteen years of experience with a BS or seven to eleven years of experience with a Masters.
- Understanding of electrical, electronic and/or electromechanical devices.
- Electronics Engineers shall have a working knowledge of analog and digital circuitry, electrical safety requirements for medical devices, and IPC-A-610, MIL-STD-2000 (2M), or electronic industry equivalent workmanship standards.
- Mechanical and Industrial/Process Engineers shall have a working knowledge of medical device-specific manufacturing processes including but not limited to insert molding, ultrasonic welding, and adhesive bonding.
- Experience with Lean manufacturing processes including but not limited to Toyota production system, 6 Sigma.
- Experience in Medical device, Capital and disposable products preferred.

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Sr Software Quality Engineer -- Medtronic Navigation – Jacksonville, FL

Please apply directly at www.medtronic.com/careers -- requisition #73629

Medical Device experience preferred

Position Description

The Sr Software Quality Engineer is responsible for ensuring new software/firmware products meet or exceed customer expectations for quality, reliability, and usability. The Sr Software QE contributes to research, new product development and standard compliance by defining, allocating, implementing, and demonstrating achievement of Quality and Reliability goals. This position will also support the lifecycle of the product through continual product and process improvement and working with the Failure Analysis Lab to troubleshoot software related field issues.

Position Responsibilities

- Contribute to new product development teams by defining quality/reliability objectives and requirements, analyzing and reporting performance and demonstrating release readiness.
- Author or review key software/firmware lifecycle deliverables throughout product development, as defined by procedures.
- Coordinate and integrate systematic reliability analysis against features, requirements, architecture, interfaces, and designs, through the appropriate application of reliability engineering techniques (e.g. fault tree analysis, failure trending and analysis, reliability forecasting, etc.).
- Identifies root cause and apply original ideas for corrective and preventive measures to meet acceptable standards of robustness and reliability.
- Develop and implement software quality program in conjunction with other centers of excellence within Medtronic, specifically Navigation and CRDM.
- Develop own skills and educate peers on expertise in software/firmware product development methods, standards, and design for reliability methods and attributes.
- Establishes and conducts a Software Failure Analysis Process to ensure Field Returns and Internal Product Failures are investigated to determine the root cause of the product deficiency.

Basic Qualifications

- Minimum of five to eight years experience with a Bachelors degree in engineering or three to six years with a Masters degree in engineering.
- Three to five years Software Quality Engineering, SW/FW Engineering Design or equivalent experience.
- Experience in medical device design and application of test standards.
- Minimum of five years industry experience, preferably in the medical device manufacturing industry.

Desired/Preferred Qualifications

- Complete understanding and wide application of technical principles, theories, and concepts in the field.
- General knowledge of other related disciplines.
- Ability to provide technical solutions to a wide range of difficult problems.
- Solutions are imaginative, thorough, and practicable, and consistent with organizational objectives.
- Good oral and written communication skills.
- Excellent presentation skills.
- Must be able to handle multiple tasks/projects and manage priorities accordingly.
- Working knowledge of appropriate industry standards.
- Experience in application statistical methods to design reliability and process capability.
- Must be able to work in a team environment and exert influence without alienating others.
- Working knowledge of statistical analysis/software experience preferred.
- Proficiency in Microsoft Project.

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R&D Engineer -- Medtronic Navigation – Jacksonville, FL

Please apply directly at www.medtronic.com/careers -- requisition #73698

Medical Device experience preferred

Position Description

The Research & Development Engineer supports the ideation, development, design, implementation, test and transfer to manufacturing of ENT and NT devices. The R&D Engineer shall typically receive guidance from senior technical staff and overall direction from technical management.

Position Responsibilities

- Comply with the Medtronic Quality System. Develop prototypes, verification/validation units and product specifications, including material. Specifications, assembly drawings and manufacturing documentation. Perform verification testing and coordinate/support validation testing activities. Provide sustaining engineering support for existing products. Investigate new and advancing technologies for applications in biomedical products used during ENT and NT procedures/ surgeries. Create Intellectual Property (IP) through idea and product submissions and patent applications. Travel to observe surgeries, attend sponsored meetings and meet with suppliers. Perform other duties as assigned.

Basic Qualifications

2-4 years experience with a B.S.; 0-2 years experience with a MS degree.

Desired/Preferred Qualifications

- Able to use and apply technical principles, theories, concepts and techniques.
- Provides solutions to a variety of technical problems of moderate scope and complexity.
- Able to work and communicate effectively with other engineers, designers, surgeons, marketers and suppliers to develop products from concept through commercialization in a cross-functional team.
- Effective oral, written communication and presentation skills.
- Must be able to handle multiple tasks/projects and manage priorities accordingly.
- Must be flexible in a changing professional environment.
- Effective use of MicroSoft Office applications.

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