

Manufacturing Engineer

Medical Murray is a leading medical device development and manufacturing company, serving clients throughout the world.

Medical Murray focuses on providing its clients with any or all of the development engineering and/or manufacturing services required to move a new medical device along the development path from concept to production.

Our focus is on three market areas: less invasive vascular, urologic and surgical applications. Our core experience is with custom catheter systems and components, complex disposables and implantables.

We're looking for team players with a can-do attitude to share in our vision and corporate values. Medical Murray offers competitive salaries, a comprehensive benefits package, and an energetic work environment.

Currently, we are searching for a Manufacturing Engineer to join our facility located in Lake Zurich, IL.

Job Description:

The Manufacturing Engineer position performs equipment and process transfer from product development to production as well as improvements in equipment, tooling and processes for ongoing production in the production department in support of the department objectives to provide goods and services that meet customer's requirements for quality, quantity and timeliness. The position will have a mixture of direct support of customers and sustaining engineering.

Job Duties:

- Responsible to follow Medical Murray Quality system, including all applicable SOP's included in the Manufacturing Training Matrix
- Support R&D efforts with assembly and engineering during regulatory phase
- Work with R&D in transferring project to manufacturing
- Lead transfer of products into production following transfer checklist
- Coordinate production support of transfer builds including materials and assembly labor
- Manage production lines during transfer builds
- Development of manufacturing processes for acceptable throughput and yield to achieve cost targets
- Train assemblers on assembly procedures during transfer phase and to support process changes they originate beyond transfer.
- Train production personnel in equipment and line start setups
- Communicate with vendors to support production and address issues
- Manage process validation including master validation plans, IQ, OQ, PQ, gauge R&R and software validation
- Perform IQ, OQ and PQ associated with assigned projects
- Coordination of process qualification and operational qualification of processes used in manufacturing products
- Coordination of design of custom equipment and fixtures to meet cost and throughput targets of manufactured products
- Acquisition, setup and installation qualification of new equipment, including creation of PM procedure as necessary
- Support of equipment maintenance, as appropriate per skills and knowledge, manage escalation to Technology Manager. Support or perform equipment re-entry to production

- Engage and handoff activities to production.
- Review of safety issues with equipment and processes and implementation of procedures and equipment modifications
- Production line layout
- Annual risk analysis and DMR updates

Skills/Qualifications:

- BS in Industrial or Mechanical Engineering
- 0 – 5 years of experience with sustaining and process engineering, contract manufacturing preferred
- ISO experience, cGMP and ISO 13485 preferred
- Strength in problem solving and decision making
- High energy level, attention to detail and a sense of urgency
- Computer skills including MS office, Solidworks or alternative CAD program
- Knowledge of lean manufacturing techniques
- Skills with statistics, preferably experience with DOEs, Minitab
- Strong customer interaction skills