



Open Position: Manufacturing Engineer Position

Type: Full-time Employee

seqWell Inc. is seeking a talented engineer to join us in creating the next generation of DNA library prep tools and products. Our company's mission is to revolutionize NGS library prep via products that help unlock the full potential of modern DNA sequencing instruments.

Building on core strengths of molecular reagent design and workflow engineering, seqWell's product portfolio allows improvements in the scale and quality of DNA sequencing results. Our plexWell™ platform is a transformative library prep technology that allows for simple, scalable multiplexing with less time and cost-consuming normalization. This has wide-ranging impact on applications from synthetic biology, targeted sequencing and single-cell analysis to low and high depth sequencing of human, plant, animal and microbial genomes.

As we grow and expand our production capacity in our Beverly, MA facility, we are seeking an engineer with experience in NGS assay and product development. This position provides a wonderful opportunity to work with a growing team with significant potential for personal and professional development.

The ideal candidate will have experience in design and implementation of manufacturing processes, optimization of library preparation methods and will be highly organized with an eye for detail and have excellent communication skills.

Key responsibilities include:

- Establishes operating equipment specifications and improves manufacturing techniques.
- Member of the new product development core team and assists with scale-up, process optimization, technology transfer and process validation activities.
- Interfaces with various departments to ensure processes and designs are compatible for new product technology transfer and to establish future process and equipment automation technology.
- Works with contract manufacturer(s).
- Responsible for the design and implementation of manufacturing processes, instrumentation and equipment from the laboratory through pilot plant and manufacturing scale-up.
- Provides expertise in engineering, design and process, as well as scale-up.
- Assists the manufacturing operation in problem solving with regards to equipment and systems.
- Develops and recommends new process formulas and technologies to achieve cost effectiveness and improved product quality.
- Responsible for protocol development, acceptance testing, and trend analysis of incoming raw materials.

Qualifications:

- B.S, Masters or PhD in a relevant scientific field.
- Minimum 3+ years of experience with Next-Generation Sequencing.
- Minimum 3+ years of technology transfer and manufacturing scale up.

Desired Skills:

- Technical familiarity with NGS library preparation and data analysis.
- Familiarity with Quality Management Systems, particularly ISO13485.
- Experience with lean manufacturing principles.
- Experience building costed bills of materials.
- Familiarity with Netsuite.

Interested candidates should send their C.V. to: careers@seqwell.com

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