

Process Engineering Technician

MBio Diagnostics of Boulder, CO (www.mbiidx.com) is seeking to fill the position of Process Engineering Technician. MBio is a rapidly growing technology development company focused on next generation products for medical diagnostics, food safety, and environmental applications. The Process Engineering Technician's primary responsibilities will be technical support of the cartridge manufacturing operations in MBio's pilot production facility, as it transitions to a fully automated production facility.

Job Duties:

This position reports to the Chief Process Engineer and will be responsible for day-to-day process engineering support of our pilot manufacturing line. Job duties will include developing and troubleshooting mechanical assembly processes, supporting microarray/fluidic printing processes, documentation of assembly and testing methods, as well as calibration and preventive maintenance tasks.

Expectations:

- Demonstrated ability to work in a self-sufficient and detail-oriented manner and adhere to manufacturing schedules and deadlines.
- Proven ability to design, perform, and analyze process experimentation.
- Knowledge of microarray printers and fluid printing considerations.
- Experience with performing, documenting, and tracking equipment calibration and preventive maintenance.
- Ability to author manufacturing work instructions.
- Hands-on experience with process performance management via SPC, gage studies, and Cpk analysis.
- Excellent verbal and written communication skills.

Desired Skills:

Strong preference will be given to candidates with the following skills and experience.

Relevant background should be highlighted in the cover letter.

- Manufacturing or other production environment background preferably for medical equipment, including cleanroom protocols.
- Experience in manufacturing assembly including mechanical assembly tooling design.
- Equipment qualifications (IQ,OQ,PQ), integration, optimization and troubleshooting.
- Experience with automated assembly and test equipment.
- Ability to interpret product drawings. Familiarity with SolidWorks.

- Previous work in a regulated environment under Quality Management System documentation requirements, including ISO 13485 or ISO 9001.
- Statistical Analysis packages such as JMP.
- Microsoft Word and Excel.

Education and Experience:

- Associates degree or higher in technical field (biology, chemistry, or engineering)
- At least 4 years' experience in an R&D or production environment

Applicant must have authorization to work in the U.S. Resumes must be accompanied by a cover letter explaining how the applicant meets the job requirements and desired skills. Please email resumes to jobs@mbiodx.com with applicant name and the job title listing in the subject line. No phone calls, please.

MBio Diagnostics, Inc. is an Equal Opportunity Employer.