

Position Title: Test / Manufacturing Engineer

Role: BioFlash® instrument manufacturing scale-up

Education:

BS / MS – Electrical Engineering, Mechanical Engineering

Position Description:

1. Lead the efforts to establish a factory (define requirements, develop cost estimates and schedules.
2. Define, document and transfer - assembly, integration and test procedures and processes.
3. Develop PCB functional test and test hardware
4. Develop and implement a PCB process for burn-in and ESS
5. Implement a process for instrument burn-in.
6. Develop a supply chain for electrical & electronic components – e.g. PCB's, wire harnesses, power supplies and discrete electronic components
7. Develop a supply chain for all mechanical components
8. Industrialize and transfer current assembly process to manufacturing
9. Write sop's and assembly work instructions
10. Hire and train an organization
11. Develop and track process capability metrics
12. Develop a spare part inventory
13. Develop procedures for depot calibration and repair
14. Create and maintain BOM's and routing sheets
15. Define and implement programs that improve BioFlash quality and reduce cost
16. Support customers on field installation and start-up
17. Build a production organization that meets market demand for the product.
18. Develop and manage a continuous improvement effort focused on cost reduction and improved process capability.

Experience:

1. 7+ years of experience in electromechanical device assembly and test
2. Customer support and service
3. New product development and launch
4. Six Sigma and Lean manufacturing

Contact Information:

Please send your resumé along with cover letter to:

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