

Job title: Technical Specialist
Location: Southampton

Job Summary

The Technical Specialist role is a laboratory-based role that is part of the Technical Manufacturing Team. The role requires an experimental approach to root cause analysis, problem solving and fault finding within the products themselves and the manufacturing processes. The Technical Specialist will be responsible for activities such as conducting product failure investigations, completing QC investigations, validation activities, identification and testing of product components, developing new manufacturing methods, approaches and processes and establishing and advising on appropriate product performance measurements. They will have a role in aiding the company to pivot into high throughput diagnostic manufacturing and shaping the capacity of the organisation to allow Primerdesign to meet its ambitious targets

Main duties and responsibilities

- Responsibility to deliver discrete work packages within projects and drive project progress
- Using scientific knowledge to resolve manufacturing and related issues
- Using scientific knowledge to provide expert technical support and problem solving for the manufacturing, and associated teams
- Maintain a continuous improvement cycle in the manufacturing processes
- Support identification of alternative raw materials advise on the suitability of inclusion of raw materials and complete suitable testing to support implementation.
- Contribute to establishing appropriate performance evaluation testing methods and criteria to support right first-time manufacturing and QC
- Develop process improvements to drive efficiency and accuracy
- Develop alternative or novel methods for pre-existing processes
- Provide scientific advice to internal and external customers (Second line technical support)
- Presentation of work to management team/key stakeholders
- Contribute to interdepartmental activities to ensure uninterrupted manufacturing and facilitate meeting business goals
- Liaise with R&D to understand product development, how the product components work and likely failure mechanisms
- Develop, and implement new manufacturing methods to meet changing demands in either scale or new product implementation
- Ensure the completion of documentation in line with an ISO13485 quality management system.
- Produce content for sales and marketing teams
- Training of manufacturing and technical team
- Analyse trends and performance indicators, experimentally address changes to drive improvement and provide advice on suitability of guard-band limits
- Verification of custom design assays
- SOP and report writing and review
- Risk analysis
- Participation in project and team meetings

Qualifications and experience required

- MSc in a related field
- 2 years' experience of working within a laboratory production environment
- Problem solving ability, experimental planning and adaptability
- Good scientific knowledge of PCR and ability to apply knowledge to problem solving manufacturing issues
- Excellent interpersonal and communication skills
- Knowledge of QMS, quality procedures.
- Knowledge of QC procedures and approaches advantageous
- Willingness to learn and challenge existing ideas and practices
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For further information or to apply for this vacancy please e-mail recruitment@novacyt.com