



Technical Process Engineer (Production)

Full Time Position

CoolLED design, manufacture and support a range of cutting edge LED illumination systems enabling advances in fluorescence microscopy. Our products are making a difference to people's lives and are used in the mass screening of serious diseases as well as the leading-edge life science research. Our products incorporate a broad range of technologies and processes including electronic, software, optical, and mechanical components.

CoolLED have been growing at 25% per year for several years, and due to this continuing stable growth, we have an exciting opportunity for a Technical Process Engineer to join our team. We are looking for an individual to understand the manufacturing challenges that our success presents, and champion both automation solutions and lean interventions for existing and new products as we evolve from a small to medium volume manufacturer. This is a genuine opportunity for someone to make a massive impact and transform the way that we manufacture our products.

The position will be based in the CoolLED office in Andover, Hampshire.

Person

We are looking for someone with the automation as well as the lean experience to confidently challenge the status quo, but to also bring all our colleagues with us as we embark on our lean manufacturing journey.

Tasks

- Working as a key member of Production Engineering developing, documenting and implementing manufacturing and test systems for existing products
- Developing and implementing data capture, database, monitoring and reporting systems for full traceability
- Involvement with New Product Introduction (NPI) projects from early stages to drive Design for: -
 - Manufacture
 - Assembly
 - Test
 - Six Sigma
- Continuous improvement of existing manufacturing lines
- Liaising with suppliers to integrate complete solutions
- Design new manufacturing cells
- Implementing a pull system using Kanbans

Skills

- Lean manufacturing experience
 - Kaizen, Kanban, Value Stream Mapping (VSM), line balancing
- Six Sigma experience ideally at least green belt certified



- Statistical Process Control (SPC)
- Measurement Systems Evaluation (gage R&R)
- Manufacturing cell design
 - Jigs & fixtures
 - Tooling
 - Poke Yoke mistake proofing
- Manufacturing automation design & development
 - Mechatronics
 - Cobots
 - Vision sensors / barcode readers / PLC Programming
- Test systems design & development
 - LabView
 - Excel VBA
 - SQL Databases

To apply please send your CV to jobs@CoolLED.com