

Quality Technician

- Durham (RTP), North Carolina, USA
- Full-time

Company Description

ImagineOptix is a fast growing futuristic company that is changing the world of optics. We are the pioneers of patterned liquid crystal optics and the world leader in innovative solutions for optical and photonics challenges across a wide range of industries. Our mission is to inspire transformative photonic systems by making impossible optics possible. We accomplish this by applying liquid crystal polymer films to manipulate the properties of light, making products smaller, lighter, more efficient and more capable of solving tomorrow's challenges. Our world-class manufacturing facility brings these industry leading optics to life. We are growing quickly and seeking those who are interested in shaping the way people view and interact with the technology of the future.

Job Description

The Quality Technician will play a critical role in the success of our technical team and our company, specifically by ensuring we operate efficiently at our world-class manufacturing facility. This individual will work alongside both Research Scientists and Production Operators. This position will have several areas of responsibility that include:

1. Ensure all materials, test goods and finished goods are tested for quality in accordance with specifications, procedures and ISO 9001 standards.
2. Document and improve standard work instructions for quality testing procedures and conduct testing according to those and other standards. Document and communicate results that will influence our research and production team's work.
3. Ensure all required materials are on hand and ready for use at planned times. This will involve procurement, shipping and receiving, and inventory management via interaction with our Manufacturing Execution System (MES) software.

The ideal candidate will have an engineering or scientific education and experience in a lab environment with test equipment, protocols and process improvement. Experience in the following areas will be beneficial but is not required: good lab practices, statistical analysis, liquid/solid mixture preparation, and the physical and optical characterization of films. The candidate should have experience in all of these aspects of the position, be able to work meticulously, independently and as a part of a team, and be prompt and responsive in delivery of work product.

We work at a fast pace and require everyone to be highly self-motivated and independent. Ability to work independently with strong time management and prioritization skills to handle multiple assignments and interact with project teams, while maintaining attention to details and accuracy is a must.

Responsibilities

- Perform detailed sample testing and validation, finished goods quality testing and data analysis.
- Support root cause problem analysis in support of manufacturing and continuous improvement activities through.

- Establish or modify standard procedures and lead their use and continuous improvement for quality testing; support management of change and quality validation processes for production processes all to insure ISO 9001 compliance.
- Hands on and expert knowledge of quality data and its analysis in the MES software.
- Enable effective commercialization of new products by partnering with R&D Scientists and Production Team to inspect and qualify materials and finished goods, from bench top production equipment.
- Contribute to process improvement through the use of tools including statistical process control, process mapping, control charts, Lean methodology and process capability studies to achieve business objectives.
- Support investigations into Corrective & Preventative Actions (CAPA) and Failure Mode and Effects Analysis (FMEA)
- Support inventory control, shipping and receive activities as requested.
- Prioritizes safety at all times.

Key Qualifications

- Prior quality testing and lab experience; this may or may not include experience in the semiconductor or optics/photonics industry.
- Consistent attention to detail and accuracy
- Experience working within quality management systems and ISO 9001 environments.
- Background in statistical analysis and data driven decision making.
- Able to work in clean room for extended period.
- Excellent verbal and written communication skills, and the ability to follow instructions

Other Qualifications

Ability to work well under aggressive deadlines. Proven ability to effectively work as a member of a team. Strong interpersonal, organizational, and communication skills are essential. Must be articulate and capable of producing written work that concisely address the matters assigned.

Education & Experience

- At least Associates degree in the Sciences.
- Preferred Bachelor of Science degree in Engineering, Physics, or related field.
- At least 3 years of hands-on experience with quality testing equipment