

## **Production Engineer (32-40hrs)**

### **Join the pioneers of PhotonFirst**

Since 2006 PhotonFirst (formerly Technobis) is pioneering in the research, development, engineering and production of Integrated Photonics Sensing modules and systems for a broad range of critical applications in aerospace, medical equipment, mobility, energy, and high-tech systems. Since January 1st, 2021, the photonics activities have been carved out to prepare for a fast growth to a leading worldwide position in its field. In order to enable for this growth, the strong technical team of highly educated experts will need to be complemented with production expertise and operational industry know-how.

### **You streamline the workflow of our production process**

In the early days of integrated photonics sensing, systems were based on in-depth research and development and manufactured as dedicated products. Since the market is maturing we are productizing the modular architecture to build standard building blocks – produced on an industrial level.

As Production Engineer, you bring structure to the shopfloor by means of standardization and industrialisation. You analyze and optimize the already existing production processes and work on new product introduction (NPI). With your experience in mature production environments you bring the DNA needed to streamline the standardization of production. You evaluate improvement initiatives and guide implementation via structure and control. You are a team player and work together with your colleagues of the Industrialisation, Packaging & Production team.

### **Your tasks & responsibilities are broad**

- Analyze, standardize, improve and document the production process of our photonic sensing systems
- Support machine industrialization and standardization
- Write work instructions and shopfloor control documents for standard products
- Organize the shopfloor by routing goods flow and implement buffers where needed
- Develop best practices, routines and innovative solutions to improve production rates and quality of output
- Support the development teams with operational feedback to improve designs for production
- Controlling production quality by applying Lean / Six Sigma problem solving techniques such as FMEA, root cause analysis, 8D etc.

### **Direct reporting line**

The production Engineer reports to the Team Lead Industrialisation, Packaging & Production

**Education**

- Mbo (Vocational education)

**Experience/skills**

- At least 3 years of experience as production engineer in a complex, professional production and machine building environment
- Preferably a background as machine / assembly operator with hands-on experience
- Experience in writing work instructions and standard operating procedures, with a good eye for quality
- Excellent technical skills
- Analytical thinker with interpersonal skills
- Good communicator in OEnglish, both verbally and in writing
- Proficiency in Microsoft Office (PowerPoint, Word, Excel)
- Experience with ESD sensitive components and products handling is a pre
- Experience with LEAN manufacturing is a pre

**Availability**

Since this is a new job in a fast-growing company, we prefer a full-time commitment but 32 hours is an option. You work from our Alkmaar headquarters.

**Personality characteristics**

PhotonFirst is a young and maturing professional organization. We have developed a strong pragmatic team mentality in which we work and experiment together to achieve common goals. We are looking for a wide diversity of people coming from different backgrounds to join our organization. We have formulated the following personal traits contributing to our professional mentality:

- Passionate team player taking ownership
- Open, straight, result driven and can-do mentality
- Pioneering, creative, flexible, and entrepreneurial
- Perseverant, professional, and well structured
- Friendly & 'fun to work with'

**Contact us to learn more**

Please contact our HR&O Manager, Sjoukje Blom ([recruitment@photonfirst.com](mailto:recruitment@photonfirst.com)) to learn more about this exciting job in one of The Netherlands' most promising deep-tech companies.