

## Process & Automation Engineer (full-time)

### 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 additional support on automation level and allow the first large scale Photonic production facility to thrive.

### You industrialize the chip-packaging process

In order to predictably deliver quality products and systems, our state-of-the-art machine park needs to be configured and optimized. As the Process & Automation Engineer you are responsible for bringing the automated chip-packaging process to production level while ensuring the compliancy to the quality standards applicable. In this role you are a key player in the industrialization team by preparing the product-specific production processes before handing them over to our assembly professionals. As part of the Industrialisation, Packaging & Production team, you work seamlessly with the colleagues taking care of system assembly, chip-packaging and testing.

### Your tasks & responsibilities are broad

- Develop, configure and optimize industrial (assembly) processes from inception through start up and certification
- Evaluate production processes, take relevant measurements and interpret (statistical) data
- Design, run, test and upgrade systems and processes
- Develop best practices, routines and innovative solutions to improve production rates and quality of output
- Manage cost and time constraints
- Perform risk (PFMEA) assessments
- Provide process documentation and operating instructions

### Direct reporting line

The Process & Automation Engineer reports to the Team Lead Industrialization, Packaging & Production

Relevant requirements regarding knowledge and experience

### Education

- BS degree in (Electrical) Engineering

**Experience/skills**

- 1-3 years of experience in an industrial, certified (ISO 9001 or similar), preferably high tech or/and aerospace or/and automotive environment
- Proven work experience in process engineering
- Excellent technical skills
- CAD experience, SolidWorks is a pre
- Analytical thinker with interpersonal skills
- Experience with ESD sensitive components and products handling
- Good communicator in English, both verbally and in writing
- Proficiency in Microsoft Office (PowerPoint, Word, Excel)
- Experience with LEAN manufacturing is a pre

**Availability**

This is a full-time job (40 hours/week) at our headquarters location in Alkmaar.

**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'