

Industrialisation 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 expertise on industrialisation level and allow the first large scale Photonic production facility to thrive.

You industrialise a novel and innovative photonic chip-packaging process

As the Industrialisation Engineer you get excited about high-tech manufacturing and transforming a manual assembly process to a smooth production-ready level. You take responsibility for bringing the newly acquired automated chip-packaging line to production level while ensuring compliance to the quality standards applicable. In this role you are a key player in the industrialization team by designing the product-specific production processes before handing them over to our assembly professionals. You are a teamplayer and work together with your colleagues of the Industrialisation, Packaging & Production team, who take ownership for system assembly, chip-packaging and testing.

Your tasks & responsibilities are broad

- Configure and optimize state-of-the-art and highly custom automated machinery - from inception through start up and qualification
- Setup of the production line for new product introductions
- Control the production processes by taking relevant measurements and interpreting (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

Direct reporting line

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

Education

- Engineering degree (Industrial, Mechanical, Mechatronics or Electrical) or Mbo with 3-4y work experience in industrialisation

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 industrialisation
- 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

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) to learn more about this exciting job in one of The Netherlands' most promising deep-tech companies.