Job Description

«Semiconductor Production & Equipment engineer»

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Job role	Semiconductor Production & Equipment Engineer
Department	R&D – OPERATIONS
Location / Working place	Meyreuil

About the Role

Are you passionate about semiconductor technologies and ready to make an impact in a fast, international environment?

Join our dynamic R&D Operations team in Meyreuil as a **Production & Equipment Engineer** and play a key role in shaping the future of our manufacturing processes and tools.

At the heart of our innovation is the development of **post-quantum secure chips** — next-generation semiconductors designed to withstand the cybersecurity challenges of tomorrow. As part of our team, you will contribute to bringing these revolutionary technologies to life, from production to final testing.

You'll be at the crossroads of production, industrialization, and innovation — driving the performance of our equipment park, optimizing production flows, and contributing to the deployment of next-generation systems.

Your Key Responsibilities

- **Production support**: Monitor and optimize our production (Wafer probing, assembly and FT) in coordination with our Supply Chain, Foundry and partners (subcon, OSATs)

- **Equipment management:** Support the strategy and operations for our equipment portfolio - from technological watch and supplier management to ordering and maintenance contract follow-up.

- **Tester Roadmap**: Support Tester roadmap (platform changes, evolution), in coordination with Industrialization team, Supply Chain and external partners (subcon, OSAT)

- **Spare parts**: Manage critical spare parts for production (probe cards, FT tool kits), ensuring availability and performance.

- **KPI monitoring** : Define, implement and Track KPIs to continuously improve the robustness and efficiency of our production and equipment.

- **New product industrialization**: To support the porting of new manufacturing flow and support the production ramp-up of new products in coordination with industrialization team, Equipment suppliers and OSATs.

- **Engineering Testing room**: Oversee the proper use and maintenance of the internal engineering testing room.

Main interfaces

Internally:
- Production & Equipment
- Supply
- Industrialization & Engineering
- Software & provisioning
- Quality
- Design

Externally:
- OSATs & Foundries
- Equipment and spare part suppliers and related maintenance

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Requirements

Educational background / diplomas	Master's or Engineering degree in Industrial Engineering, Microelectronics, Materials Science, or related field. Other type of background with significant experience may also be considered
Experience	Solid Background (>10 years) in semiconductor production and test (EWS, Assembly, FT). Proven experiences (>10 years) in production or equipment management in a high-tech environment.
Skills	Strong knowledge of physics/microelectronics and semiconductor production flows Project management and quality/reliability processes Scripts, Development knowledges for production process automatization (Python, .Net Core, Angular, C++, Excel VBA etc) Rigorous and reactive
Others	Excellent communication skills, including with international third parties Fluent in English Passion for innovation, problem-solving mindset, and a collaborative spirit