



We are looking for a Process and Equipment Engineer Backend (m/f/d)

NexWafe's **EpiNex®** technology produces high-quality, monocrystalline silicon wafers by means of an innovative, continuously operated epitaxial process. We have set up a pilot plant in Freiburg to qualify wafers and to prepare for rapid entry into mass production.

FUNCTION

Based on a good know how about materials, mechanical engineering and the requirements of silicon wafer, the process and equipment engineer backend is responsible for the mechanical processing of wafers in the "back-end". He initiates improvements and contributes to the continuous improvement process in our company.

TASKS

- Continuously improve process and equipment for the sawing and detachment process to achieve the KPI mechanical yield
- Design, perform and evaluate experiments
- Identification and implementation of quality measurement methods in cooperation with the quality assurance team
- Training the operator and the maintenance technicians
- Support operator and maintenance technicians in the case of trouble shooting
- Key member of the FMEA Team

KEY RESPONSIBILITIES

- Timely fulfilment of your objectives in our technology roadmap
- Responsible for the process capability (Cpk numbers), uptime and output of the back-end equipment
- Ownership of SOPs for the backend area

QUALIFICATION

- MS Degree in the area of studies mechanical engineering or materials science
- Professional experience in development, ideally in the area of wafer processing or wafer handling in photovoltaics, electronics or semiconductor technology

- Good team player & communication skills
- Fluency in English; German language skills preferred

DO YOU SEE A MATCH?

We look forward to receiving your detailed application. Please email your CV in PDF format to personal@nexwafe.com

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