



Our client is a large and global leading manufacturer of laser and semiconductor technology and heavily invests in research and development to maintain and grow its global technology leadership position with innovation and pioneering spirit. High-qualified specialists develop and manufacture high-performance semiconductors and diodes to dedicated high-tech industries around (communication, industrial, consumer applications) the world that connect us to visionary technology of now and tomorrow. The products marks the cutting edge of technology and the lab and fab are equipped with state-of-the-art semiconductor manufacturing equipment. To strengthen the interface between R&D and operations at the site in Zurich we are seeking an experienced

Process Engineer Epitaxy / Semiconductors (m/f)

As an Expert in semiconductor process engineering you are in charge of setting-up new end-to-end flows, e.g. wafer processing-testing/die-assembly, for translating product performance specifications into requirements at individual process steps and check these against process capabilities. You develop and analysis of complex manufacturing processes and applied in the manufacturing of semiconductor devices and drive sustainable continuous improvements of production processes with regards to product performance, process control, yield and cost efficiency in strong co-operation with R&D, Engineering and Manufactory. You will engage with tool suppliers to address process requirements and to evaluate equipment upgrades or new equipment solutions, monitor and analyse equipment utilization and uptime and you will coordinate and support preventative maintenance and unscheduled equipment repairs. Further tasks are manufacturing support and training of operators and supporting all environmental, health & safety and security requirements. Step by step you will assure a smooth and efficient processing of engineering lots by timely preparation of the manufacturing line for non-standard processing steps.

For this challenging position we are looking for an experienced Process Engineer with several years of experience in semiconductors / wafer processing, e.g. in wafer processing, testing, singulation, assembly. You are experienced with the use of data bases, e.g. deploying and extracting/evaluating relevant data to/from SQL data bases by writing scripts/queries, added by proficiency in statistics and quality management tools and good knowledge of Six Sigma and tools like SPC and FMEA. We expect a university degree (MSc / PhD) in physics, chemistry or material science, ideally with emphasis on material science or process technology. In addition to your strong communication skills and analytical abilities, you are known to be a very reliable team player and self-driven individual with a hands-on mentality, methodical approach and the ability to strongly prioritize issues. We expect a university degree in business administration, commerce and/or trading/supply chain. English is a must. Good German skills are of a huge advantage.

Please call us for further information or send us your application documents by email on info@but-executive.ch. We guarantee full confidentiality.

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