



ENGINEER (CZ TECHNOLOGY)

RESPONSIBILITIES

- Perform daily monitoring of the CZ technology processes as to ensure highest quality and yield (example: using process SPC, z-SPC)
- Administration of cutting rules, recipe, process parameters and power curve (POptiC) optimization
- Responsible for ingot material type according to customer specification
- Ensure camera and measurement system reliability for the Puller
- Collaborate with SAG (Germany) on new evaluation related to Pulling process and to coordinate activities within SSG (Singapore)
- Collaborate with Engineering and/ or Operation counterpart to investigate and resolve issues
- Participate and contribute in improvement activities related to quality, throughput, productivity, cycle time and cost
- Support investigation on claim handling

REQUIREMENTS

- Degree in Material Science, Physics, Chemical, Mechanical Engineering or equivalent
- Minimum 2 years of experience in semiconductor industry
- Experience in CZ growing will be an advantage
- Strong knowledge of quality management systems, data analysis and statistical process control
- Proficient in MS Office, spreadsheets, visual basic, database and queries

SILTRONIC AG

Siltronic is one of the world's largest manufacturers of hyperpure silicon wafers and partner of many leading semiconductor companies. The company employs around 3,800 people. The company has a network of state-of-the-art production sites in Asia, Europe and the USA. Siltronic develops and manufactures silicon wafers in diameters of up to 300mm. These are the basis for modern microelectronics and nanoelectronics.

Beginning

Singapore

Employment

Permanent

Siltronic Singapore Pte. Ltd.

Siltronic Silicon Wafer Pte. Ltd.

10 Tampines Industrial Avenue 5 | Singapore 528820

Phone: +65 6500-2000

Fax: +65 6500-2007

E-mail: ssp-careers@siltronic.com