



APPLICATION ENGINEER

RESPONSIBILITIES

- With Technology and Operations input, determine appropriate human resources required for tasks and resolution of complex technical issues.
- Ability to consider short and long-term consequences of project implementation and use of best-known methods.
- Determine testing methodology and proper analysis of results for customer development work (R&D) and provide leadership and training in these techniques to other Applications colleagues
- Determine strategy and identify any customer issues for achieving Siltronic goals and targets.
- Plan timelines, determine resources, and oversee execution of global Qualification strategies, based on process change horizon input. Organize, direct, and control engineering project teams for customer related issues.
- Provide input and determine strategies for introduction of company New Products.
- Participate in key customer tours and audits. Provide training and knowledge to Applications and Quality Engineering colleagues.
- Develop strategies to maintain leading edge technology. Follow technology trends and provide

REQUIREMENTS

- B.S. degree in Engineering, Physics or equivalent, Masters, PhD and/or MBA preferred.
- Minimum of five (5) years of related silicon or device industry experience.
- Solid understanding of silicon technology and defects.
- Excellent ability to work well with others, facilitate work groups or teams, and control and document work sessions and meetings.
- Demonstrated project management and leadership ability.
- Knowledge and understanding of statistics, Statistical Process Control (SPC), testing methodology (DOE), 5-step Problem-solving, and 8D methodology.
- Excellent technical writing and oral communication skills.
- Work long hours, when required. Domestic and international travel required.
- Ability to sit, stand, walk at will, communicate via telephone, & use the computer for various amounts of time throughout the day.
- Must pass a drug screen and background check.

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 4,000 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.

Siltronic Corporation

7200 N.W. Front Avenue | Portland, OR 97210-3676 USA

Phone: +1 503 243-2020

Fax: +1 503-219-4606

E-Mail: employment@siltronic.com



future trend information to management. Make recommendations for future New Products.

- Diagnose root causes of critical line down issues, yield deterioration, and productivity loss of exceptional difficulty at our customers.
- Provide a leadership role within the company to prioritize and implement customer driven issues and projects.
- Plan, control, and execute engineering development projects in accordance with existing customer needs and expectations. Anticipate and deliver key customer projects, based on pre-determined roadmaps and timelines.
- Direct and support active Joint Development Projects by following up on project plans and milestones. Promote active cooperation between customer and Siltronic internal partners. Seek and propose new Joint Development opportunities between customer and Siltronic.
- Assign and delegate engineering tasks to others in relation to process tests and procedures.
- Represent the company in key customer tours, meetings, and audits. Provide training and knowledge to Applications Engineering colleagues.
- Represent the company in industry task forces, committees, and roadmap committees as needed.

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 4,000 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

ASAP

Employment

Full-time

Siltronic Corporation

7200 N.W. Front Avenue | Portland, OR 97210-3676 USA

Phone: +1 503 243-2020

Fax: +1 503-219-4606

E-Mail: employment@siltronic.com