



## Senior Engineer Process (Unit Process Engineering)

### Job description

Responsible for making timely and accurate decisions regarding non-conforming product or equipment / process outputs using state-of-the-art semiconductor process equipment in one selected assigned area.

In your new role you will:

- Responsible for making timely and accurate decisions regarding non-conforming product or equipment / process outputs using state-of-the-art semiconductor process equipment in one selected assigned area.
- Prioritize multiple activities and make effective decisions in a manufacturing workplace, using sound problem solving and statistical process control.
- Perform process engineering and production support in one selected assigned area of semiconductor process.
- Work as a team between Manufacturing/ Mnt/ UPS/ LBS/ Technology/ Quality to resolve production and quality issues and reduce production line disruptions.
- Support tools installations as well as process & technology transfers to meet company targets, following standard process & tool release business flow.
- Perform FMEA, risk assessment of process changes, with proper process change management.
- Ensure the robustness of processes with Advance Process Control (APC), Statistical Process Control (SPC) and other process control tools.
- Manage recipe and procedural control. Develop and maintain process & operation specifications as well as Out of Control Action Plan (OCAP).
- Initiate, coordinate and support excursion prevention, cost reduction and quality improvement projects.
- To operate all Analytical Tools, ICPMS, AAS, TXRF, GCMS, IC, CE at trace level analysis.
- To support routine analysis on semiconductor samples (e.g. wafers, chemicals, UPW, parts in a clean room environment).
- Method Optimization and New Set-up for new request.
- Able to handle basic maintenance on these Analytical Tools.
- ISO audit for Lab Management.

methods. Interact and communicate effectively with manufacturing, equipment engineering, equipment suppliers and process integration engineering in a support role  
Support Group (Inline Analytics).

### At a glance

Location: **Kulim (Malaysia)**  
Job ID: **345495**  
Start date: **as soon as possible**  
Entry level: **1-3 years**  
Type: **Full time**  
Contract: **Permanent**

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### Profile



You are best equipped for this task if you have:

- 4 year technical degree in an engineering discipline (Electrical, Mechanical, Computer Science, Materials Engineering, Industrial Engineering and other related areas).
- Approximately 2 - 5 years of relevant experience in semiconductor industry.
- Strong knowledge of functional area, team, process, equipment supplier / customer process. Business knowledge is more strategic for the organization. Knowledge of own function's contributions to achieving business objectives.
- Ability to identify and resolve problems.
- Evaluates situations with some level of complexity using information.
- Strong communication skills and ability to interact with all levels of employees.

## Benefits

- **Kulim:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Holiday child care; Medical coverage; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Flexible transition into retirement

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

