



Staff Engineer Lithography Process (Unit Process Engineering)

Job description

Initiate, coordinate and lead excursion prevention, cost reduction and quality improvement projects.

In your new role you will:

- Initiate, coordinate and lead excursion prevention, cost reduction and quality improvement projects.
- Lead, conceive, develop, evaluate plans & criteria for the continuous process improvement.
- Lead and support troubleshooting to identify hypothesis and root cause of process and quality deviation.
- Drive Lithography process team to exceed manufacturing parameter targets and achieve high levels of process and equipment performance.
- Characterize process and equipment system to maintain and improve capability and process control.
- Monitor process performance indices on qualified processes and establish good controls to maintain process performance.
- Ensure productivity improvement through process changes, document, as well as implement process capability and work with equipment engineer to maximize productivity.
- Start-up new equipment processes which involves process characterization and development.
- Ensure the robustness of processes with Advance Process Control (APC), Statistical Process Control (SPC) and other Lithography process control tools.
- Organize and oversee training for Associate engineer or new engineer to upgrade their technical skills.

Profile

You are best equipped for this task if you have:

- Degree in Chemical/Physics/Mechanical/Electronics Engineering or Applied Science required.
- At least 5 years of working experience in lithography processes or SiC/GaN related processes.
- Strong leadership skills are a must.

At a glance

Location: **Kulim (Malaysia)**
Job ID: **344142**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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- Those with high proficiency in Microsoft Excel, Visual Basic, and PowerPoint are required.
- Experience in process control, yield improvement as well as knowledge of 8D are preferred. Strong diagnostic and problem-solving skills required.
- Highly motivated and stress resistant individuals with zero defect mindset.

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.

