Job description

In your new role you will be responsible to initiate, coordinate, 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.
- Conceive, develop, evaluate plans & criteria for the continuous process improvement.
- 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 3-4 years of working experience for senior position.
- Fresh graduate is encourage to apply.
- 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.