



Example of Process Development Job Description

Powered by www.VelvetJobs.com

Our innovative and growing company is looking to fill the role of process development. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for process development

- Responsibly handle and provide oversight during processing of DEA controlled substances
- Develops various wafer process steps including photolithography, wet and dry etching, PECVD, metal deposition, and plating
- Responsible for basic maintenance and calibration of production machines including mask aligner, hot plates, oven, PECVD, E-beam evaporator, thermal processing, and various pumps
- Real-time production problem management including coordinating customer calls, problem escalation to appropriate support levels, tracking, and follow up
- SME for all order flow and provisioning enhancements and/or changes
- Works closely with IT teams to ensure all changes are tested prior to being implemented in production
- Working closely with Engineering, Operations, and IT to ensure we gather, develop, and deliver requirements to exceed customer expectations from POS to Fulfillment
- Coordinated and regular communications/updates with the impacted teams on project status
- Development of M&P's and analysis support areas
- Supervisory responsibilities for up to five direct reports

Qualifications for process development

- Knowledge of new state-of-the-art devices such as SiC JFETs, MOSFETs, TMOS, thyristors, Schottky Diodes
- Degree in Chemical or Biochemical Engineering is strongly preferred
- A deep and fundamental understanding of biochemical engineering principles (e.g., sterile operations, aeration and mass transfer, bioprocess control), in particular, at large scale, is essential
- Minimum 10 years' experience in an operating fermentation or chemical processing plant with a strong track record of delivering results is required
- Experience in optimizing and scaling up industrial biological and chemical processes is expected
- Besides a strong background in fermentation and/or biochemical processing, additional experience with downstream purification processes