



Global Communication Semiconductors, LLC

Corporate & Foundry
23155 Kashiwa Court, Torrance, CA. 90505
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Website: www.gcsincorp.com

Sr. Process Engineer

Job Req: #0700
Department: Manufacturing Engineering
Status: Full-Time/Salaried
Shift: Day
Salary Range: \$90,000 - \$130,000 annually

Job Description

This position is primarily responsible for developing new processes and optimizing the current process.

- Interfaces with and contributes to improvements in all areas of GCS's compound semiconductor FAB. Key area of focus will be Plasma Dry Etch
- Designs of Experiments (DOE), Failure Mode and Effects Analysis (FMEA), and training.
- Authorizes to release tool/process to production, and trains and certify operators to perform certain processes, and to write and release process procedures and work instructions.
- Defines the execution plans based on the quarterly objectives and follow it through.
- Works with integration engineers on the process development.
- Supervises process engineers or technicians to make sure the tasks are moving per plan. Evaluates the process or metrology tool.
- Oversees manufacturing process, tools, and production issues
- Performs other related duties as assigned by management.

Job Requirements

- PhD with 3+ years of industrial experience or Master's Degree with 7+ years of industrial experience or BS with demonstrated in-depth knowledge and experience level of the processes.
- Hands-on experience with dielectric and semiconductor plasma dry etch (Oxford tool) as well as metrology tools such as SEM, Nanospec, etc...
- Good written and verbal communication skills.
- Computer skills required: Microsoft Office (Outlook, Excel, Powerpoint)