



Global Communication Semiconductors, LLC

Corporate & Foundry
23155 Kashiwa Court, Torrance, CA 90505
Telephone: 310-530-7274 Fax: 310-517-8200
Website: www.gcsincorp.com

Job Title: **PROCESS INTEGRATION ENGINEER**
Job Req: #0695
Status: Full-Time, Exempt

Duties

1. Monitor and facilitate the production of InP or GaAs-based 3", 4", and 6" development lots for optoelectronic devices.
2. Develop sequence integration and support process improvement efforts for the robust transferring of technology from development to high volume production.
3. Perform detailed inspection at each critical process step. Upon discovering abnormalities, issue and instruct corrective actions.
4. Prepare process documentation and training materials.
5. Communicate with customers and vendors to arrange design changes, product delivery, or outsourced processing.
6. Collect high-temperature operating life and aging data in evaluation of product reliability performance.

Requirements

Bachelor's degree in Chemical Engineering, Materials Engineering, or a related field plus two years of experience in semiconductor process related field. Master degree is acceptable in lieu of two years of experience.

Require experience or coursework with:

- Handling hazardous/raw materials in chemical processing;
- Electronic materials involving semiconductor principles, electrical properties, fabrication, and applications of microelectronic devices;
- Probability/ Statistics/ Data analysis;
- Chemical product design involving product quality, failure modes and effects analysis.
- Operations management involving inventory management, queuing, and process flow optimizations.

LOCATION: Torrance, CA

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