



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: **QUALITY ASSURANCE ENGINEER**
Job Req: #0765
Status: Full-Time, Exempt
Shift: Day

Duties

- Provide support and direction in the implementation and administration of the quality system.
- Work closely with operations, manufacturing and engineering to analyze the effectiveness of the quality system and coordinate quality related issues with customers and suppliers.
- Use investigative tools to perform investigations and root cause analysis for manufacturing and quality issues in production line.
- Issue internal Corrective and Preventative Actions (CAPA) and monitor follow-up for effective closure and elimination of identified deficiencies.
- Participate in the Material Review Board process. Analyze non-conformance trends to evaluate effectiveness of corrective actions.
- Perform investigations and prepare reports for customer related issues: Nonconforming material reports, RMA and corrective actions with root cause analysis and implemented actions to prevent recurrence. Coordinate and organize internal work to accomplish tasks.
- Perform internal quality audits in accordance with published schedules and procedures or specifications.
- Perform supplier audits/surveys, when required, to assure compliance to specific quality requirements. Issue Supplier Corrective Action Requests as needed, and work with supplier to determine root cause and corrective/preventive measures to eliminate recurrence of issues.
- Monitor metrology and calibration activities to ensure quality objectives are being met and that adequate procedures and work instructions are in place.
- Develop/update process FMEA and control plans to support process release activities.
- Participate in the development, implementation and review of quality related policies, procedures and work instructions based on corporate and government/customer requirements, in conjunction with AS9100 requirements.
- Perform ongoing AS9100 awareness training for new and existing employees
- Prepare periodic reports on quality statistics and issues.

Job Requirements

Bachelor's degree in electrical engineering, physics, or related fields and 12 months of experience as a materials engineer, lab assistance, or researcher in the field related to the materials analysis.

Required experience or skills:

- Microstructural analysis using metallographic preparing process.
- Interpretation of results through processing, heat treatments and influence of material performance.
- Failure analysis and root cause analysis.
- Material characterization through mechanical testing to understand mechanical behavior and performance.
- Optical microscopes, AFM, SEM.
- Nanofabrication techniques.
- Programing in Matlab, R, and Mathematica.

Annual Salary: \$72,613 - \$75,000

LOCATION: Torrance, CA

CONTACT: Carol Hilton

Senior Manager, Human Resources

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