



Example of Fabrication Engineer Job Description

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Our innovative and growing company is looking to fill the role of fabrication engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for fabrication engineer

- Assist in the development and facilitation of process FMEA's and helps maintain risk management policies & programs
 - Maintain required first article inspections (FAI) and detailed inspection plans (DIP)
 - Coordinate and participate with issue creation in localized material review (MRB), root cause, failure analysis, and corrective action (8D)
 - Provide training on quality policies and techniques throughout the organization
 - Lead/coordinate to develop, analyze, and present process metrics including results from product and process yields to organization to encourage design for manufacturability and quality
 - May travel for a project but not on regular or consistent basis
 - MEs may also specify and/or design tools, equipment, racks, data streams, and fixtures to improve process metrics
 - Responsible for servicing and maintaining various types of kitchen equipment including steam, electric, gas, food preparation, ware washing and disposal equipment
 - Define resources requirement for specified takt time – equipment and machinery list, manpower calculation with skill and semiskilled bifurcation and no of jigs and fixtures
 - Design electrical architecture and electronic circuits, including consideration of processor requirements and integration, system timing and bus loading
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- Knowledge of lean manufacturing and six sigma concepts
- Wafer Fab Engineering Experience, ideally with compound semiconductors
- Semiconductor processing experience either wet or dry etch process equipment
- Technical understanding of semiconductor processes and equipment
- Consistent history of continuous process improvement
- Ability and desire to assume a technical leadership role within the organization