



Example of Fabrication Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of fabrication engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for fabrication engineer

- Analyze, provide specifications and perform acquisition for new or replacement fabrication equipment
- Assist with the training of new personnel and participate in the design of operator training materials
- Review designs for producibility, develop tooling concepts, and create applicable detailed work instructions and manufacturing procedures
- Develop manufacturing plans that include specific sequencing with process and tooling requirements
- Predicated, Preventative and Reacted maintenance of machinery and equipment
- Participate in evaluation and monitoring of success of training programs
- Liaison between Fabricators, EPC, Procurement, Project Construction Management, Site Construction, Project Controls, Quality Lead
- Partner with product engineering and R&D to ensure effective new product and process introductions consistent device performance and quality
- Create and maintain operating specifications for production processes and equipment
- Develop quick solutions to mechanical integration challenges

Qualifications for fabrication engineer

- BS in materials science, chemical engineering, or physics with a focus on

- Documented experience in fab processing techniques including contact lithography, dry etch / milling, metal evaporation, bonding, laser trim, and dicing
- Proficient in statistical process control and lean manufacturing methods (ex
- Understanding of Surface Acoustic Wave device design and performance
- Experience with AS9100 quality standards and audits