



Example of Tool Design Engineer Job Description

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Our growing company is looking to fill the role of tool design engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for tool design engineer

- Coordinates formal or functional design reviews with Manufacturing, Engineering and Quality departments to resolve design problems
- Generates 3D and 2D data sufficient to produce systems with a minimum of interaction with machining sources
- Generates all required assembly prints, aids, views, required to build tooling or assembly system
- Assists with processing plans, layouts, and equipment selections
- Support equipment validations
- Initiates purchase requests, budget summaries, and supplier quotes for submission and approval
- Ensures list of perishables are provided to Maintenance, Tool Room and Purchasing on new equipment
- Mentors less experienced machine designers, maintenance, and product design personnel
- Aid in development of new products
- Helps in departmental operation wherever necessary

Qualifications for tool design engineer

- Minimum of 1-2 years' experience with maintaining or providing input to department budget
- 10 years Tool and Fixture Design experience preferred
- 2-3 years' recent experience CREO and or Pro/E

- Ability to work in a stressful, rapidly changing environment while simultaneously handling multiple responsibilities
- 5+ years knowledge of injection mold tooling and comprehensive understanding of engineering resins