



Example of Manufacturing Systems Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of manufacturing systems engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for manufacturing systems engineer

- Drive efficient manufacturing on schedule through collaboration with a multidisciplinary team of engineers (design, build, and reliability), internal production teams, and external vendors
- Perform in-process product verification, review and presentation of technical data
- Understanding of master data and the roles played by PLM, ERP, MES, LIMS, in support of manufacturing
- Develop and maintain product and process configurations and collaborate on the implementation of solutions in PLM and ERP
- Interference with a multi-disciplined team consisting of multiple Contractors and team members
- Work with a launch vehicle provider to schedule and track audits to be performed during rocket certification activities
- Compile and present weekly status charts of team to AF leadership
- Complete perform audits and audit checklists in preparation for Engineering Review Boards and design reviews
- Ensuring projects meet objectives of quality, time, and cost to provide total customer satisfaction
- Investigating problems

Qualifications for manufacturing systems engineer

- Advance knowledge of quality control and assurance standards, methodologies and processes
- Advanced knowledge of quality control testing, debugging, test automation and defect tracking tools
- Ability to work independently and in group setting
- 5 or more years of experience in implementing and utilizing automated testing methods using tools such as Mercury
- 5 or more experience as Visual Basic programmer