



Example of Senior Manufacturing Engineer Job Description

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Our company is growing rapidly and is looking for a senior manufacturing 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 senior manufacturing engineer

- Directs and coordinates fabrication and installation activities to ensure products and systems for high-speed manufacturing equipment conforms to engineering design and customer specifications
- Designs parts and systems for high-speed manufacturing equipment such as instruments, controls, robotics, engines, machines, and mechanical, thermal, hydraulic, or heat transfer systems
- Develop and implement process control techniques and Standard Work (SW) into manufacturing environments (and supporting departments as necessary)
- Analyze manufacturing process flows continually for the enhancements of quality, cost reduction, and lead-time reduction
- Collaborate with tool design & programming regarding product tooling and design to ensure effectual production methods
- Work closely with manufacturing & quality departments to develop, coordinate, and implement technical training for employees
- Coordinate with manufacturing, engineering, and quality assurance to insure accurate documentation of tool drawings, process orders
- Confer with vendors to improve VS flow, resolve quality issues affecting manufacturing
- Arrange production line layout and balance workflow
- Experienced in early concept/virtual build phases of new programmes

Qualifications for senior manufacturing engineer

- Requires a BS degree and at least 6 years' experience in a Manufacturing Engineering role
- Must be experienced in Lean/Six Sigma methods with hands on experience
- Strong knowledge of machining, specifically milling and turning
- Experience reading and interpreting blueprints and CAD drawings including geometric dimensioning and tolerancing (GD&T)
- Knowledge of NC programming methods and language (G-Code)