



# Example of Senior Manufacturing Engineer Job Description

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Our company is searching for experienced candidates for the position of senior manufacturing 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 senior manufacturing engineer

- Specify assembly processes and tooling
- Develop and implement continuous improvement methods such as lean manufacturing to enhance manufacturing quality, reliability, or cost-effectiveness
- Design, specify, and validate world-class manufacturing processes to achieve quality, cost and capacity goals
- Conduct capabilities studies and communicate manufacturing capabilities, production schedules, or other information to facilitate production processes
- Prepare and present reports summarizing information or trends related to manufacturing performance to cross-functional teams
- Confer with clients, vendors, staff, and management personnel regarding purchases, product and production specifications, manufacturing capabilities, or project status
- Managing, motivating subordinates to reach peak performance
- Compilation & update of NPIP documentation for operations
- Responsibility for early concept/virtual build phases of new programs
- Project management of capital equipment specification, justification & procurements

## Qualifications for senior manufacturing engineer

- Engineering degree, or equivalent, with 5-10yrs experience in a high volume demanding production environment
- Knowledge of Medical Device or similar quality and manufacturing systems would be very desirable
- A demonstrated ability to lead a focused production / technical problem solving team
- Working knowledge of six sigma and/or lean engineering principles with a proven track record in use and delivery of results