



# Example of Manufacturing / Industrial Engineer Job Description

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Our company is growing rapidly and is looking for a manufacturing / industrial 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 manufacturing / industrial engineer

- Utilization of the latest, high technology tools to create Graphic Work Instructions, NC Programming, Laser Projection, Robotics Programs
- Plan, schedule, conduct and coordinate the technical and management aspects of the projects within different departments
- Develop manufacturing processes by modifying and designing new equipments for fabricating, building, assembling, and installing components
- Develop most efficient ways to use people, machines, materials, information, and energy to make a product or service
- Applies a comprehensive knowledge of composites processing to develop processes for new products
- Applies 6 sigma tools to measure and analyze process data
- Manages development projects (funded through direct, indirect, IR&D or CRAD) by developing a project plan, managing work of technicians, managing to budgets and schedules, and preparing reports
- Stays current on manufacturing, material, and process technologies for potential application in Orbital ATKs current processes
- Responsible for manufacturing process development, implementation, and continuous improvement to improve safety, enhance Quality/ Yield, reduce Cost, and improve Productivity/Schedule
- Technical work may be complex and difficult to relate to existing technologies, requiring broad application of knowledge

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- Minimum of 5 Years related work experience with Bachelor's
  - Bachelors or equivalent in Engineering
  - No previous professional experience
  - Collaborates and easily gets along in team-based environments
  - Computer Proficiency (MS Office, CAD)
  - BS in classical engineering (Mechanical, Civil, Materials Science, ) with a minimum of 7 years of industry experience or MS with a minimum of 5 years of industry experience preferred