



Example of Lathe Machinist Job Description

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

Responsibilities for lathe machinist

- Study blueprints, layouts or charts to visualize work and determine materials needed, sequence of operations, dimensions and tooling instructions
- Selects cutting tools and tooling instructions, according to knowledge of metal properties and shop mathematics, or written specifications
- Positions, secures and aligns cutting tools in tool holders on machine, using hand tools, and verifies their position with measuring instruments
- Run machine through the cycle, stopping to adjust tool positions and machine controls to ensure specified timing, clearance and tolerances
- Observes operation and stops machine to inspect finished parts and verify conformance with specifications of first run, using measuring instruments
- Ensures meeting of production through proper operation of machinery
- Operates and adjusts semi-automatic or automatic numerically controlled machine tools to perform a series of progressive machining operations
- Meets close and exacting tolerances and finish specifications requiring considerable skill
- Able to work from programming instructions, operational data and machine setup information including material clamping methods, machine calibrations, and console settings for operations such as bore, mill, drill, face, thread and profiling and contouring
- Performs Machine set-ups, tool offsets, edits programs under limited supervision

Qualifications for lathe machinist

- Proven ability to work on complex parts and various materials
- High School Diploma, Tech School/ FAA Airframe & Powerplant license preferred
- Minimum of 3 years of experience operating conventional lathes, mills, drill presses and other machine shop equipment
- One year of direct experience reading machine drawings, P&ID's, schematics and technical manuals
- Able to operate motor vehicles, raise and transport up to 75 pounds, and climb and retrieve parts or make repairs from various heights