



Job Description

Dyna-Drill Technologies

Job Title: CNC Lathe Machinist	Job Code:
Department: Precision Machining	Job Grade:
Revision Date: 03/06/08	Fair Labor Standards Act (FLSA): Hourly

Position Overview

Under direct supervision of the Shop Supervisor, this position sets up and operates Computer Numerical Control (CNC) lathe machining centers to fabricate metallic and nonmetallic parts by performing the following duties.

Essential Job Functions

- Studies blueprints, sketches, drawings, manuals, specifications, or sample part to determine dimensions and tolerances of finished work piece, sequence of operations, and set up requirements.
- Measures, marks and scribes dimensions and reference points on materials as guides for subsequent machining.
- Calculates and sets controls to regulate machining factors such as speed, feed, coolant flow, and depth and angle of cut, or enters commands to retrieve, input or edit CNC control panel.
- Selects, aligns and secures holding fixtures, cutting tools, attachments, accessories, and materials on machines such as lathes, grinders, jig borers, and shapers.
- Starts and observes machine operation to detect malfunctions or out-of-tolerance machining, and adjusts machine controls or control media panel as required.
- Verifies conformance of finished work piece to correct specifications.
- Sets up and operates machine on trial runs to verify accuracy of machine settings or programmed control data.
- GDT knowledge a must.
- Confers with engineers, production personnel, programmers to resolve machining issues.

Requirements

- Must have own tools.
- Must have a good working knowledge in general shop mathematics.
- 3-5 years experience on lathes.
- Must be able to work 12 hour shifts.

Other Skills/Abilities

- Proactively anticipate problems and suggest alternatives
- May train less experienced personnel.



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NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.

PHYSICAL DEMAND CATEGORY:

- Sedentary Work
Lifting 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, ledgers and small tools.
- Light Duty
Lifting 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds.
- Medium Work
Lifting 50 pounds maximum with frequent lifting and/or carrying of objects weighing up to 25 pounds.
- Heavy Work
Lifting 100 pounds maximum with frequent lifting and/or carryon of objects weighing up to 50 pounds.
- Very Heavy Work
Lifting objects in excess of 100 pounds with frequent lifting and/or carrying of objects weighing 50 pounds or more.

SPECIFIC ACTIONS

IN AN EIGHT HOUR DAY, THIS JOB MAY INCLUDE:

Stand/Walk	Sitting	Driving
<input type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> None
<input type="checkbox"/> Occasional	<input type="checkbox"/> Occasional	<input checked="" type="checkbox"/> Occasional
<input type="checkbox"/> 1-4 Hrs.	<input checked="" type="checkbox"/> 1-4 Hrs.	<input type="checkbox"/> 1-4 Hrs.
<input checked="" type="checkbox"/> 4-6 Hrs.	<input type="checkbox"/> 4-6 Hrs.	<input type="checkbox"/> 4-6 Hrs.
<input type="checkbox"/> 6-8 Hrs.	<input type="checkbox"/> 6-8 Hrs.	<input type="checkbox"/> 6-8 Hrs.

WORK ENVIRONMENT

	YES	NO
Chemicals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cold	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dampness	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fumes/Gases	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heat/Humidity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>