

TASK	Lathe					
HAZARDS	Flying debris	<input checked="" type="checkbox"/>	Heat / cold	<input checked="" type="checkbox"/>	Electricity	<input type="checkbox"/>
	Cuts / laceration	<input checked="" type="checkbox"/>	Dust	<input type="checkbox"/>	Rollover	<input type="checkbox"/>
	Pinch / crush	<input checked="" type="checkbox"/>	Noise / vibration	<input type="checkbox"/>	Plant interaction	<input type="checkbox"/>
	High pressure	<input type="checkbox"/>	Entanglement	<input checked="" type="checkbox"/>	Other:	<input type="checkbox"/>
PPE REQUIRED						

PRE-START CHECKS

1. Ensure all personnel are trained and authorized to operate the lathe.
2. Inspect the lathe for any visible damage, loose components, or signs of wear.
3. Check that the workpiece is securely clamped in the chuck or between centers.
4. Verify that the cutting tool is properly installed and aligned with the workpiece.
5. Ensure that the lathe is properly lubricated and that all fluid levels are at the correct levels.
6. Confirm that fire extinguishing equipment is readily available in case of emergency.

SAFE OPERATING PROCEDURE

1. Wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and closed-toe shoes.
2. Start up the lathe according to manufacturer's instructions, allowing it to reach operating speed.
3. Position the cutting tool in the desired location on the workpiece, ensuring proper clearance and tool engagement.
4. Activate the lathe and initiate the cutting process, moving the cutting tool along the workpiece to remove material.
5. Maintain a safe distance from the cutting area to avoid contact with the rotating workpiece or cutting tool.
6. Be aware of any unusual noises, vibrations, or odors during operation and investigate the cause if necessary.
7. If any issues or errors occur during operation, stop the lathe immediately and troubleshoot the problem before resuming.
8. After machining is complete, shut down the lathe and remove the finished workpiece carefully to avoid damage.

POST-OPERATION PROCEDURE

1. Inspect the machined part for quality and completeness, making any necessary adjustments to the machining parameters for future reference.
2. Clean up the machining area, removing any chips or debris from the lathe area.
3. Dispose of any waste material or coolant properly according to company policy.
4. Perform routine maintenance tasks such as cleaning the lathe, checking for wear or damage, and replenishing fluids as needed.
5. Store the lathe tools and accessories in a designated area, ensuring they are protected from damage and unauthorized use.