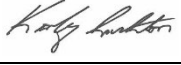




Safe Work Practice (SWP)

Name of Task: Wood Lathe	
Department/Unit: Trades	
Personal Protective Equipment or other required equipment or other safety considerations: <ul style="list-style-type: none">• Eye Protection Required• Long or loose hair must be tied back or contained• No loose-fitting clothing• No jewelry, watches, rings, necklaces etc.• Hearing Protection Required• CSA Approved Safety Footwear required	
Hazards: <ul style="list-style-type: none">• Flying objects - chuck key left in chuck• Cutting tool injury when cleaning, filing or polishing• Cuts, pinching, lacerations and amputations• Rotating machine parts - entangle• Wood chips and splinters• Eye injuries	
Required Training	<ul style="list-style-type: none">• Successful completion of NBCC Safety Course (Work Safely or Workplace Safety Practices)• Shop safety orientation• Read and understand SWP• For students, practical demonstration and Instructor supervision required
Pre-Operational Safety Checks	<ul style="list-style-type: none">• Inspect required personal protective equipment and replace if required.• Ensure no slip/trip hazards are present in workspaces and walkways.• Make sure guards, if present, are installed and are working properly.• Faulty equipment must not be used. Immediately report suspect machinery.• Locate and ensure you are familiar with the operation of the ON/OFF starter.• Disconnect power supply before making adjustments.• Remove all tools from the bed and slides of the machine.• Select appropriate turning speed for the size and type of workpiece being turned and use lowest speed when starting a new workpiece.• Always rotate the workplace by hand before turning on the lathe to check clearances.• Always position the tool rest above the centerline of the lathe when shaping a piece of stock.• Always fasten the workpiece securely to the faceplate.
Prohibited Activities	<ul style="list-style-type: none">• Do not leave this equipment running unattended• Do not use stock containing defects such as checks, splits, cracks, knots or foreign objects.• Do not allow the turning tools to bite into the wood.• Do not operate the lathe if it is rotating in the wrong direction.
Steps to be taken to complete task safely:	
1	Wear appropriate personal protective equipment (PPE).
2	Make all adjustments with POWER OFF.

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3	Before the lathe is turned on, ensure that all clamps and fittings are secure and that the work piece is free to turn.
4	Ensure the work piece is securely held on the faceplate or between the centres
5	For cutting operations: Adjust tool rests so that they are parallel and 6 mm (1/4 inch) away from the stock. Also, set the rest 3 mm (1/8 inch) above the centre of the work being turned.
6	Remove the tool rest when sanding and finishing.
7	Ensure shield is in place.
8	Select the appropriate tool for the job.
9	Select a speed that is appropriate for the job. Operate the lathe at a low speed and use a moderate cut depth to prevent splinters from flying out during roughing operations. The actual speed of the lathe depends on type of wood, diameter of stock, nature of work being done and type of tool used.
10	.Start cutting operation with the tool handle angled downward approximately 15 degrees off horizontal. Use the amount of force required to maintain control and remove only small amounts of wood shavings at a time.
11	Use two hands on the cutting tool during operation.
12	Before removing work piece, turn off wood lathe and allow wood to stop rotating.
13	Clean up dust and debris with POWER OFF.
	<p>If an emergency occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.</p> <p>REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY</p> <p>Housekeeping</p> <ul style="list-style-type: none"> • Ensure equipment is off. • Place all materials in their proper storage areas. • Ensure the equipment is safe, clean and tidy before you leave it.
Responsibilities, Completion and Review	
<i>Management and workers to ensure all duties performed in accordance to training, established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per SAFE Work Procedures). Notify Manager or designates (i.e. supervisors) of all occurrences, injuries illnesses or safety and health concerns which are likely to harm themselves, co-workers, or any others who enter the premises.</i>	
Completed by and Date: Ashley Ritchie, 1/28/2021	Approved by: 
Last Reviewed / Revised by and Date:	Note: This task will be monitored periodically to ensure compliance and effectiveness.

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