



Title	Wood Lathe Safety Procedure
Procedure	Wood Lathe Safe Operating Procedure 001
Date Approved	01/12/2021
Next Review	2/2024 or when a new machine is purchased or being used in the workshop for the first time by a member
Distribution	All members
Location	Printed copy in main filing cabinet. PC copy c:\ my documents\wood lathe safety 001.doc
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Other relevant documents	Induction to machines procedure, Machines safety procedure, Bandsaw Operation Procedure, Dust collector procedure, Thicknesser Operation Procedure, Workshop attendance procedure, Electrical leads and electrical safety checks procedure.
Document History	
Version	003
Notes	Third Issue with changes made in Operational Safety Checks and Housekeeping. 29/11/2021



SAFE OPERATING PROCEDURES

Wood Lathe

DO NOT use this machine unless you have been instructed in its safe use and operation and then been approved and registered in the club as authorised to use it.

- Safety glasses must be worn at all times in work areas
- Appropriate footwear with substantial uppers must be worn.
- Loose rings and jewellery must be secured or not be worn when operating the machine.

- Long and loose hair must be contained.
- Close fitting / protective clothing must be worn.
- Hearing and dust protection must used worn when using the machine.

PRE-OPERATIONAL SAFETY CHECKS

1. Check workspaces and walkways to ensure that no slip/trip hazards are present.
2. Check safety guards are in position.
3. Locate and ensure you are familiar with the operation of the ON/OFF switch.
4. Ensure the work piece has been suitably prepared for the lathe operation.
5. The work piece must be securely fastened to the face plate, chuck or between centres.
6. Adjust speed to suit the diameter of the job and turning operation such as face-plate, between centres or off centre work, keeping vibration to a safe minimum.
7. Rotate the work piece by hand to check clearance between the tool rest and lathe bed.
8. Ensure the cutting tools are sharp and in good condition.
9. Start dust extraction unit before using the machine.
10. Faulty equipment must not be used. Immediately report suspect equipment.

OPERATIONAL SAFETY CHECKS

1. Never leave the machine running unattended.
2. Where provided, always use the special locking pin on the spindle nose to tighten or loosen a chuck, faceplate or screw chuck, not the indexing pin that locates the drive index pulley.
3. When using an electrically variable speed lathe start at a low speed initially gradually increasing until a safe minimal vibration-free speed has been achieved.
4. When using faceplate work in reverse turning ensure the safety locking screws are done up onto the spindle to prevent the job unwinding off the machine during running.
5. Before making adjustments switch off and bring the machine to a complete standstill.
6. Keep the tool rest adjusted close to the work and at the correct height.
7. Adjust speed to suit the diameter of the work and turning operation.
8. Stop the lathe and remove all tool rests before sanding.



HOUSEKEEPING

1. Switch off and unplug the machine.
2. Turn off any applied localised dust extraction apparatus.
3. When finished using headstock in an offset rotated position please return and confirm to centre line.
4. Return all chisels “sharpened “or seek assistance, with all tools and chucks to the cupboard designated for the particular lathe.
5. Remove all tool rests and place in racks and leave the headstock spindle in the unlocked position.
6. Leave the machine in a safe, clean and tidy state.