

Core Creative Education CIC

RISK ASSESSMENT

Activity	Prospective Risks	Risk factor	Measures	Risk factor
The safe use and instruction to use the wood lathe.	1. Use of Wood Lathe	medium	- Only mentors with experienced use in wood turning to instruct on the use of the wood lathe, Peter Wright and Wayne Jones - Users should know the types, parts and functions of the wood lathe, particularly the controls, safety devices; routine maintenance and the specific hazards e.g. dangers of rotating parts, out-of-balance masses - The safe holding of work pieces including the mounting and removal of chucks, face plates, drive centres and live centres etc. - The safe preparation of timber to be turned e.g. removing corners, identifying splits or cracks, weight distribution in the wood. - Common faults caused by incorrectly mounted work; wrong speed or feed; and their associated early warning signs - Ensure that clothing, jewellery, and long hair are not loose and do not come into contact with rotating parts - Signs should be used in lathe area to advise on the use of personal protective equipment (PPE) whilst using the lathe - Install barriers around the lathe - Install an emergency stop button within easy reach of the operator or instructor - That by close of the day that lathe area be cleaned of wood shavings	low
	2. Contact with sharp cutting tools	medium	- Provide training on safe use of cutting tools by experienced mentor - The selection and holding of appropriate types of tool, what each tool is and is not use for - Selecting of appropriate speed for the tool - Ensure that cutting tools are sharp and in good condition - Sharpening to be carried out by an experienced mentor	low

	3. Inhalation of wood dust	medium	• Ensure adequate ventilation in the workspace • Provide appropriate respiratory protective equipment, such as masks	low
	4. Eye injuries	medium	• Provide appropriate eye protection, such as safety goggles or a face shield, and the importance of wearing eye protection • Ensure that eye protection is worn at all times while operating the wood lathe • Train employees on the importance of wearing eye protection	low
	5. Electrical hazards	low	• Ensure that the wood lathe is properly grounded • Yearly inspect and maintain electrical components	low

Signed: Alasdair Green

Education Manager

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